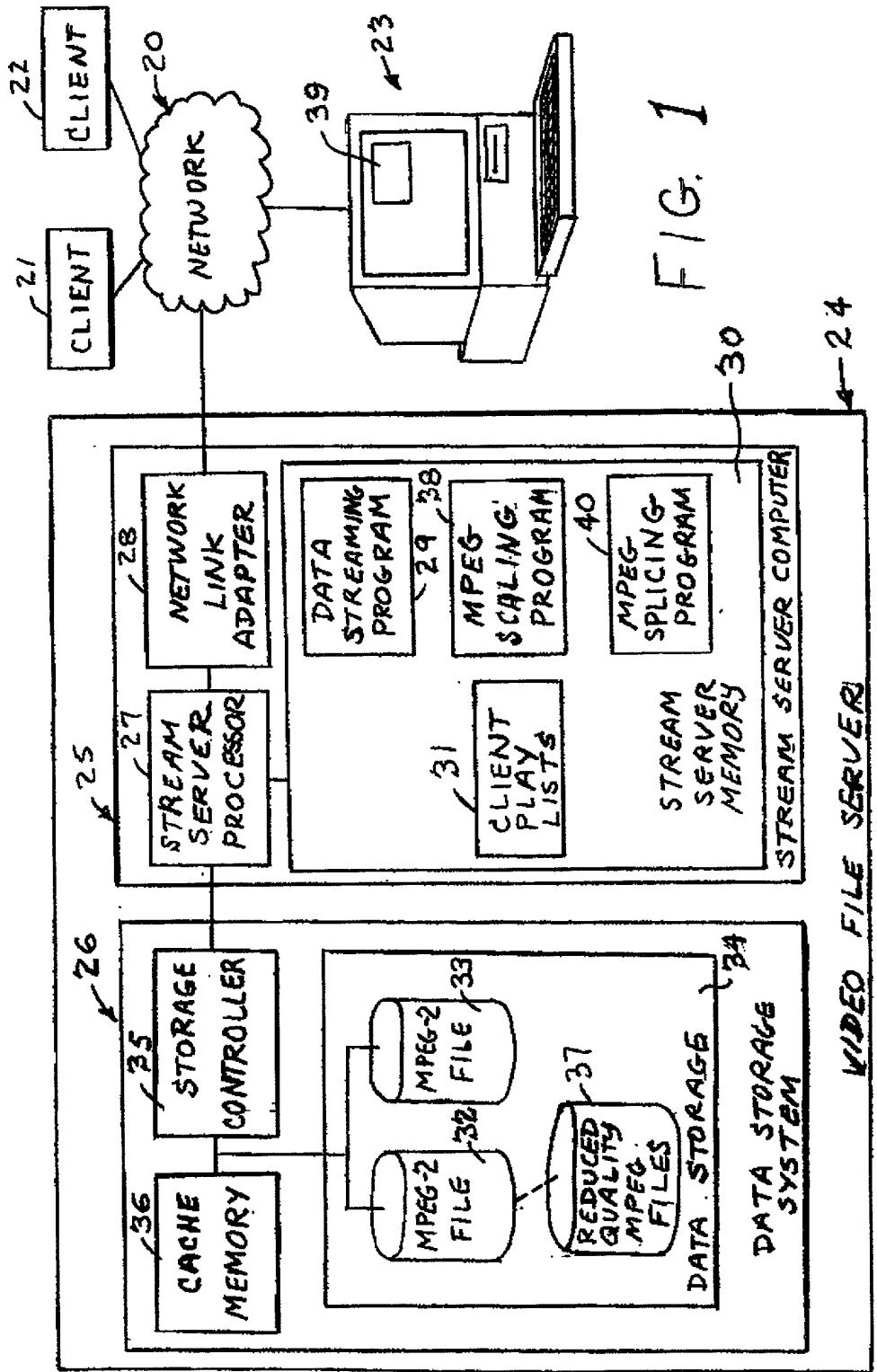


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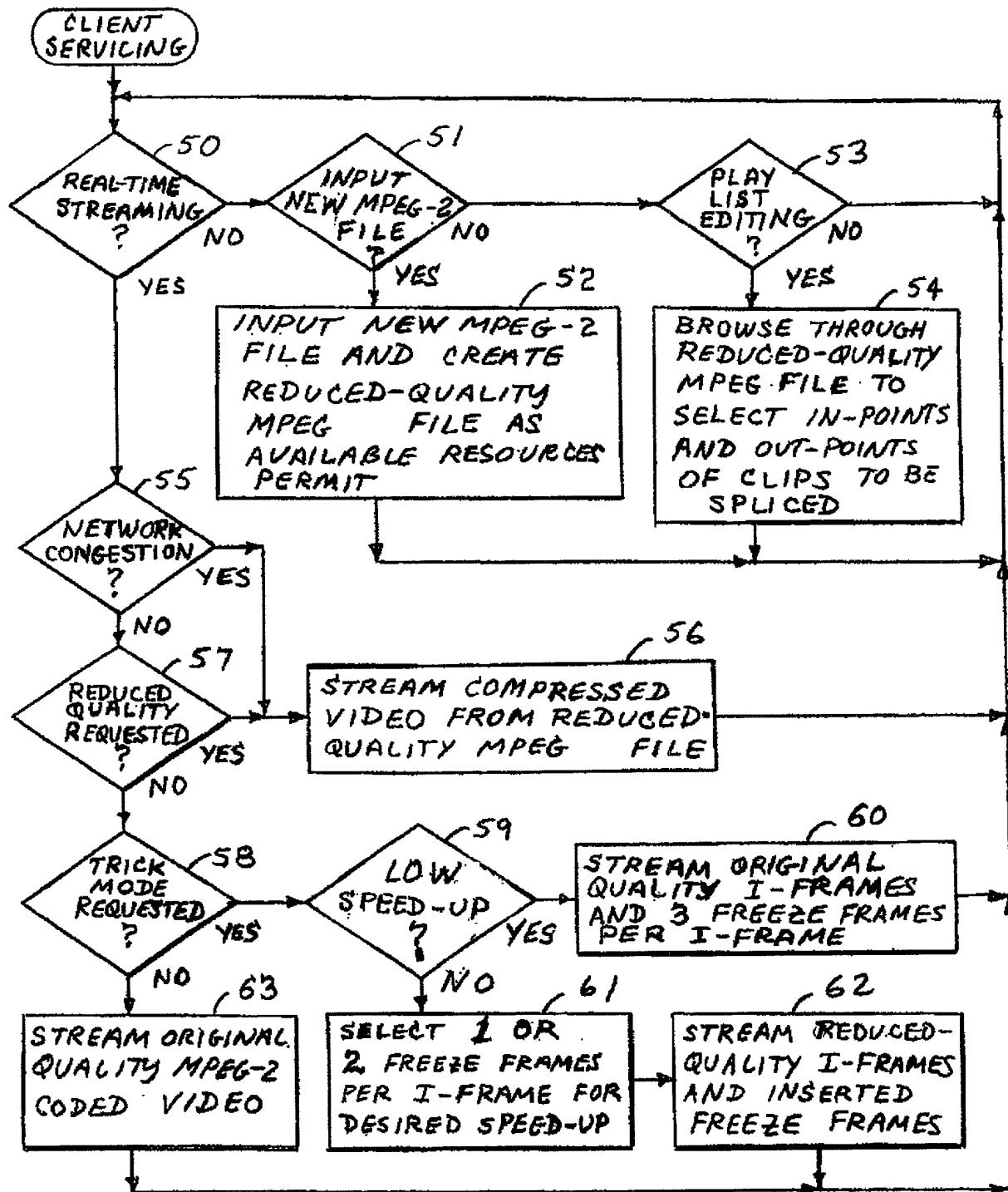


FIG. 2

09750565 - 422800

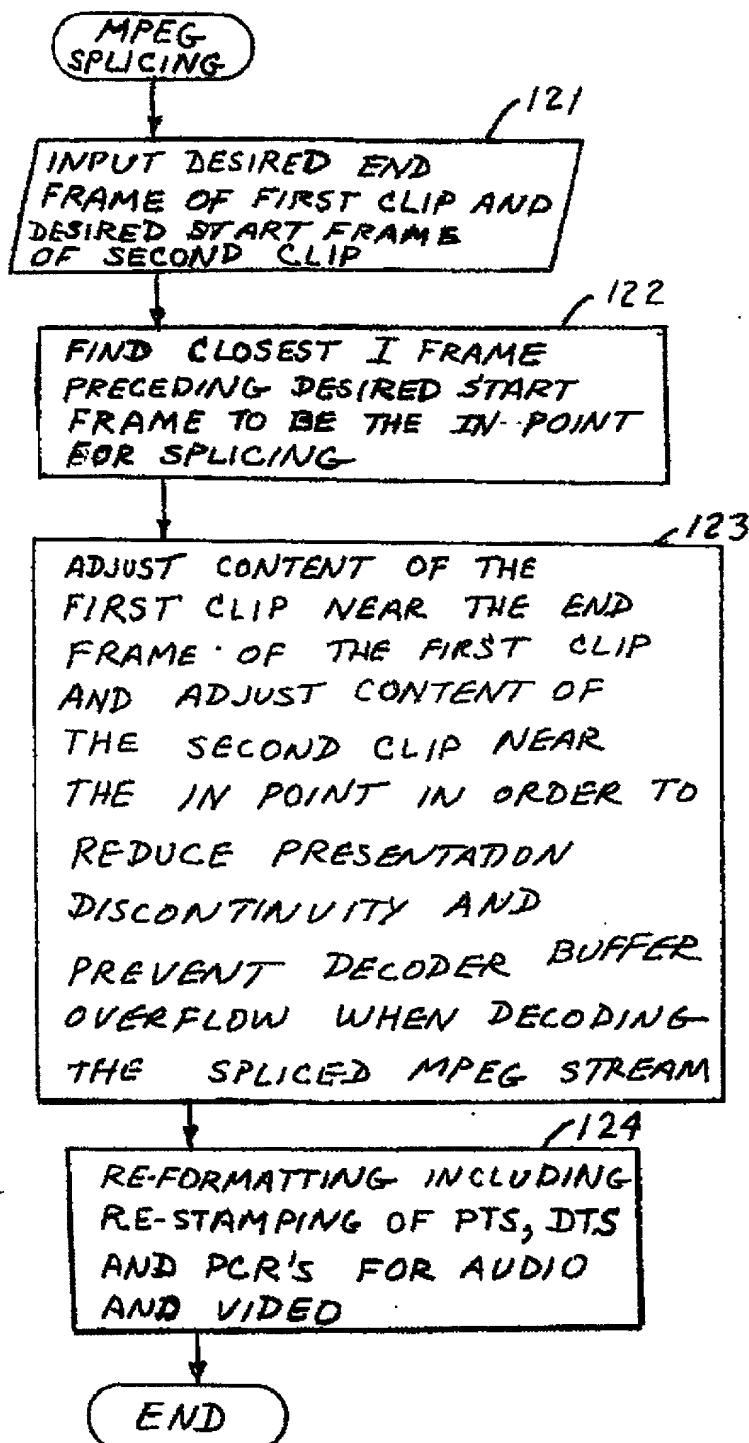


FIG. 3

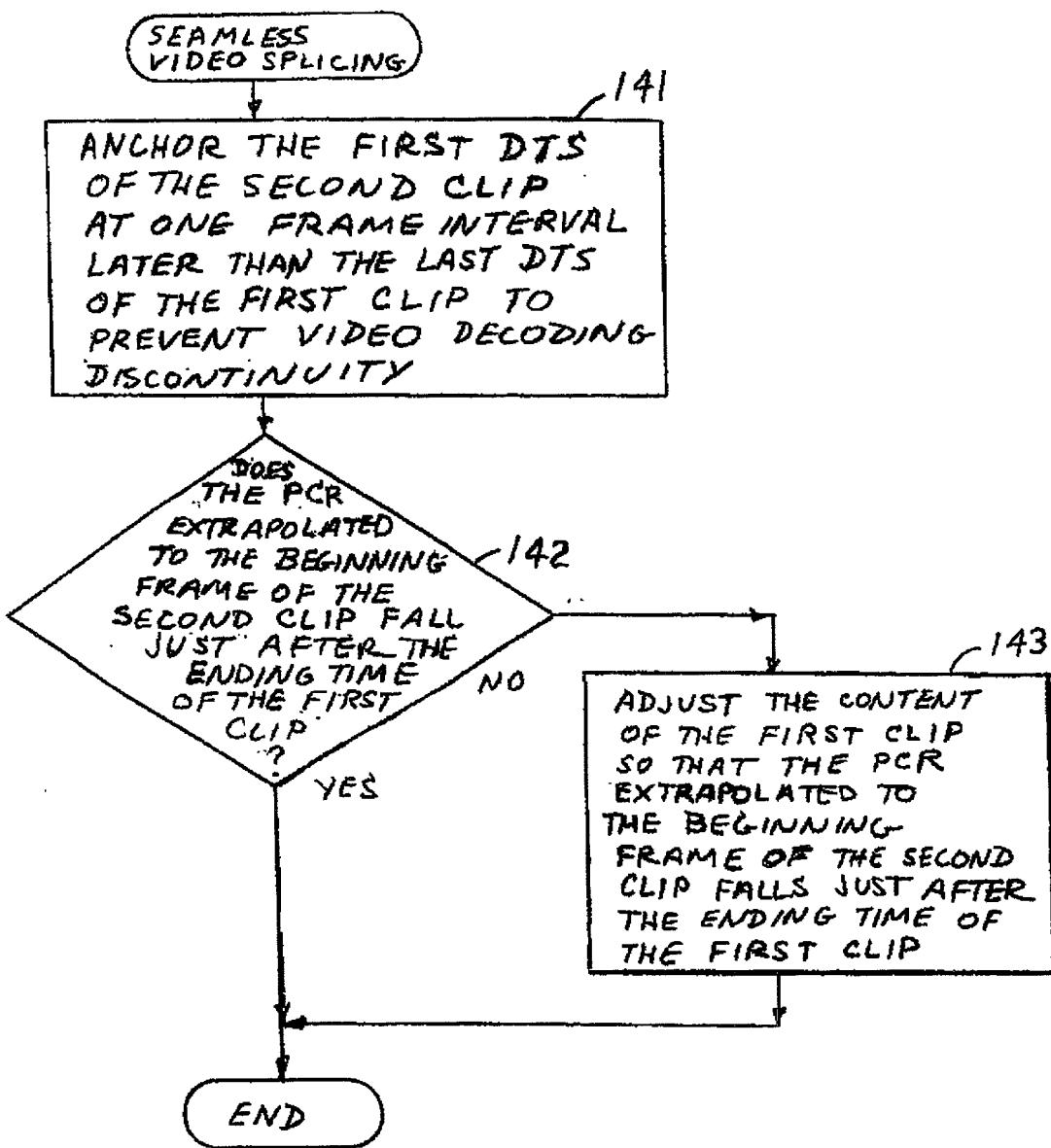


FIG. 4

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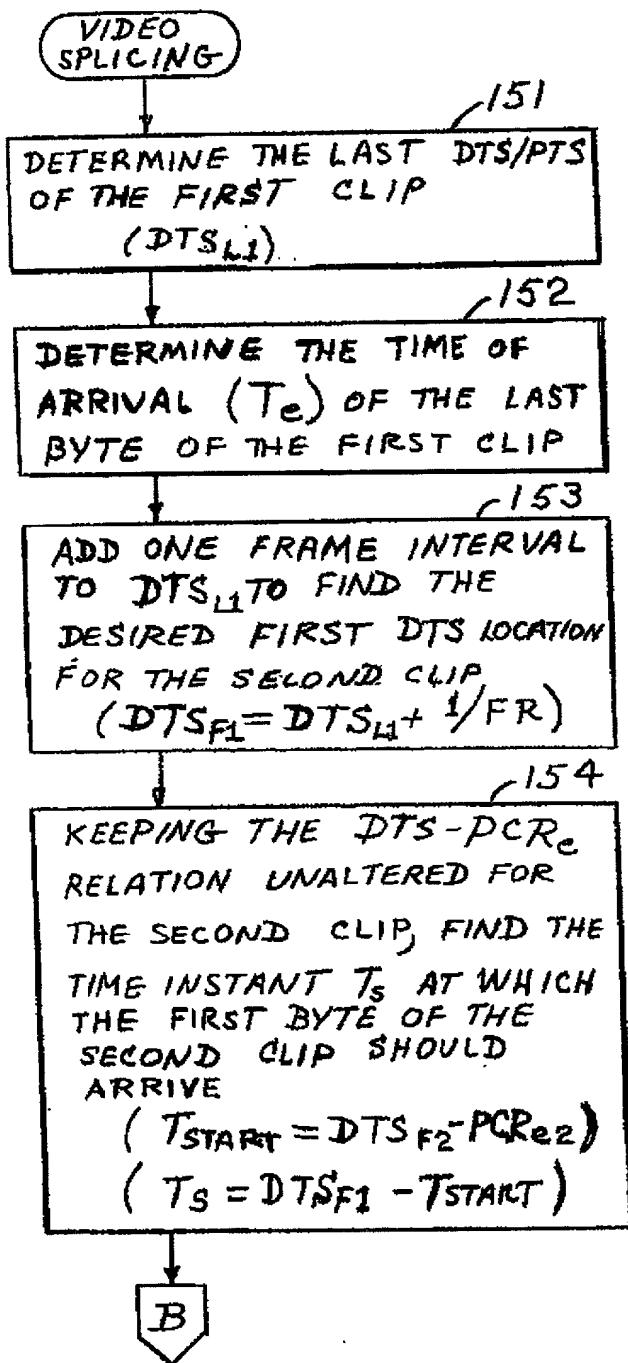


FIG. 5

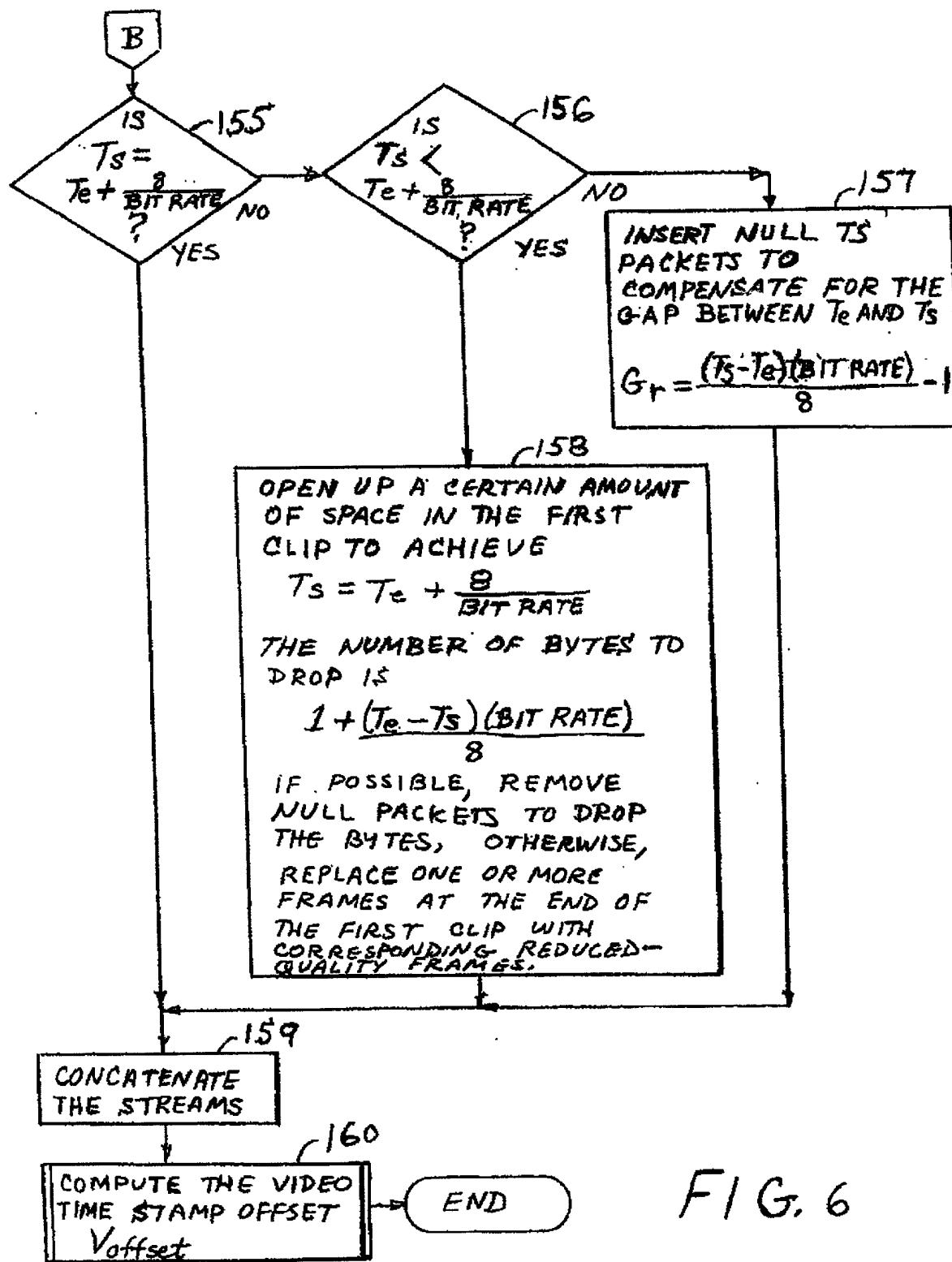


FIG. 6

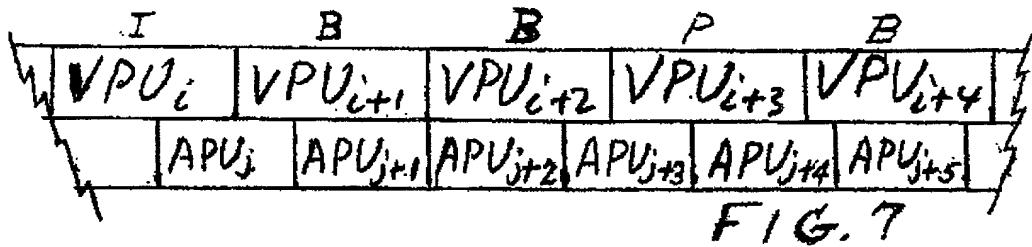


FIG. 7

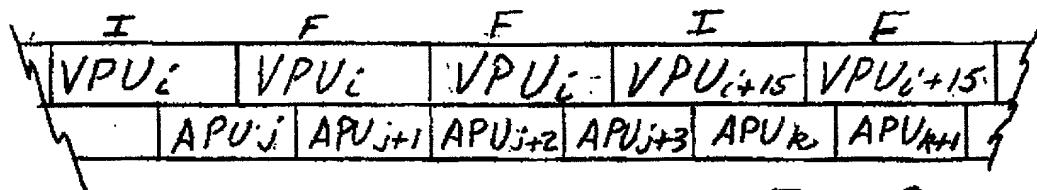


FIG. 8

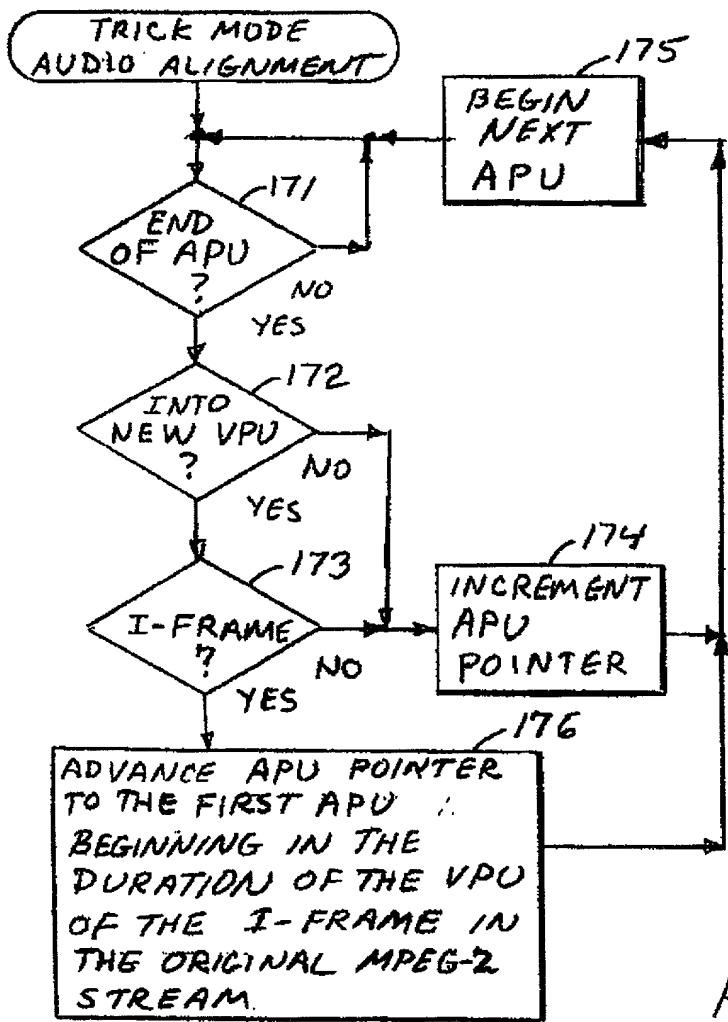


FIG. 9

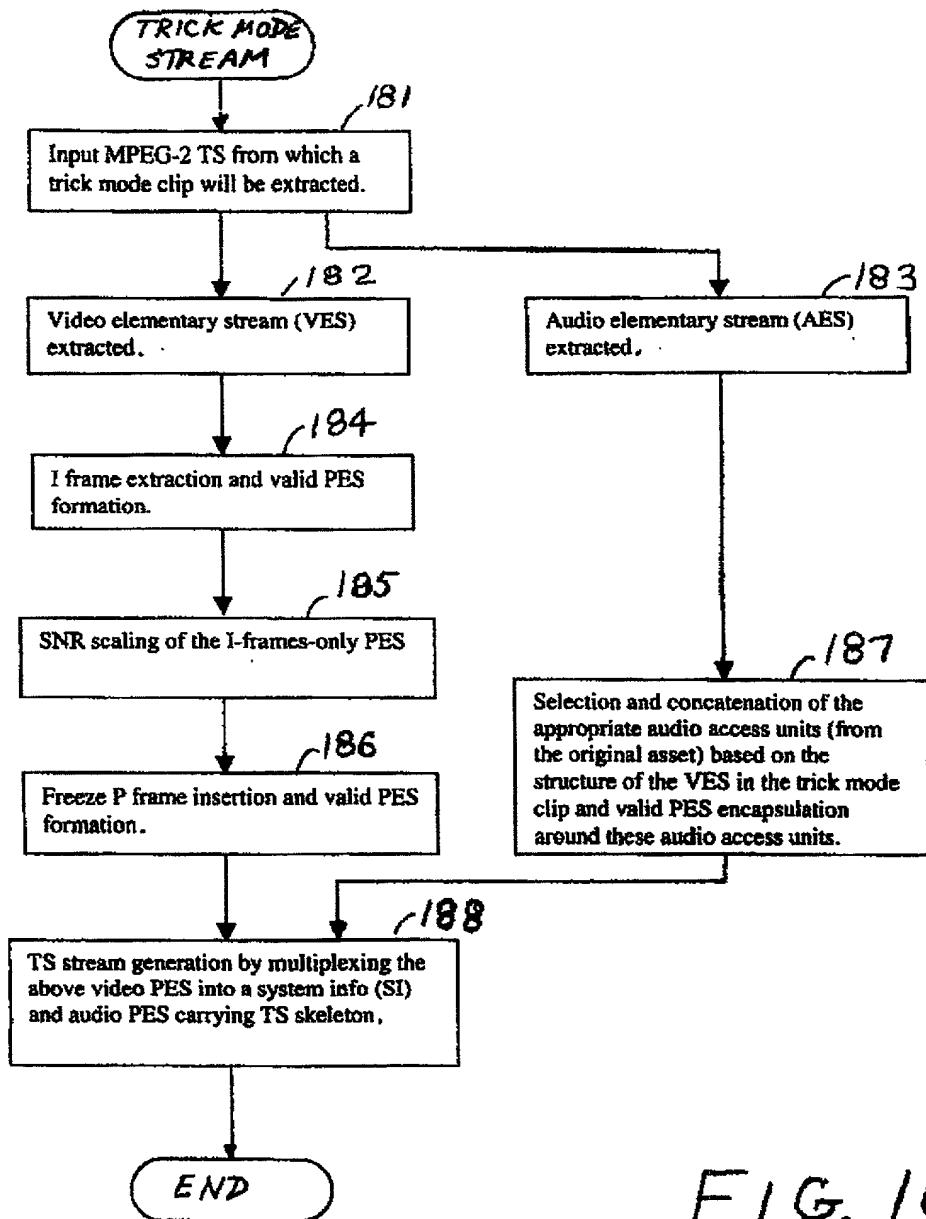


FIG. 10

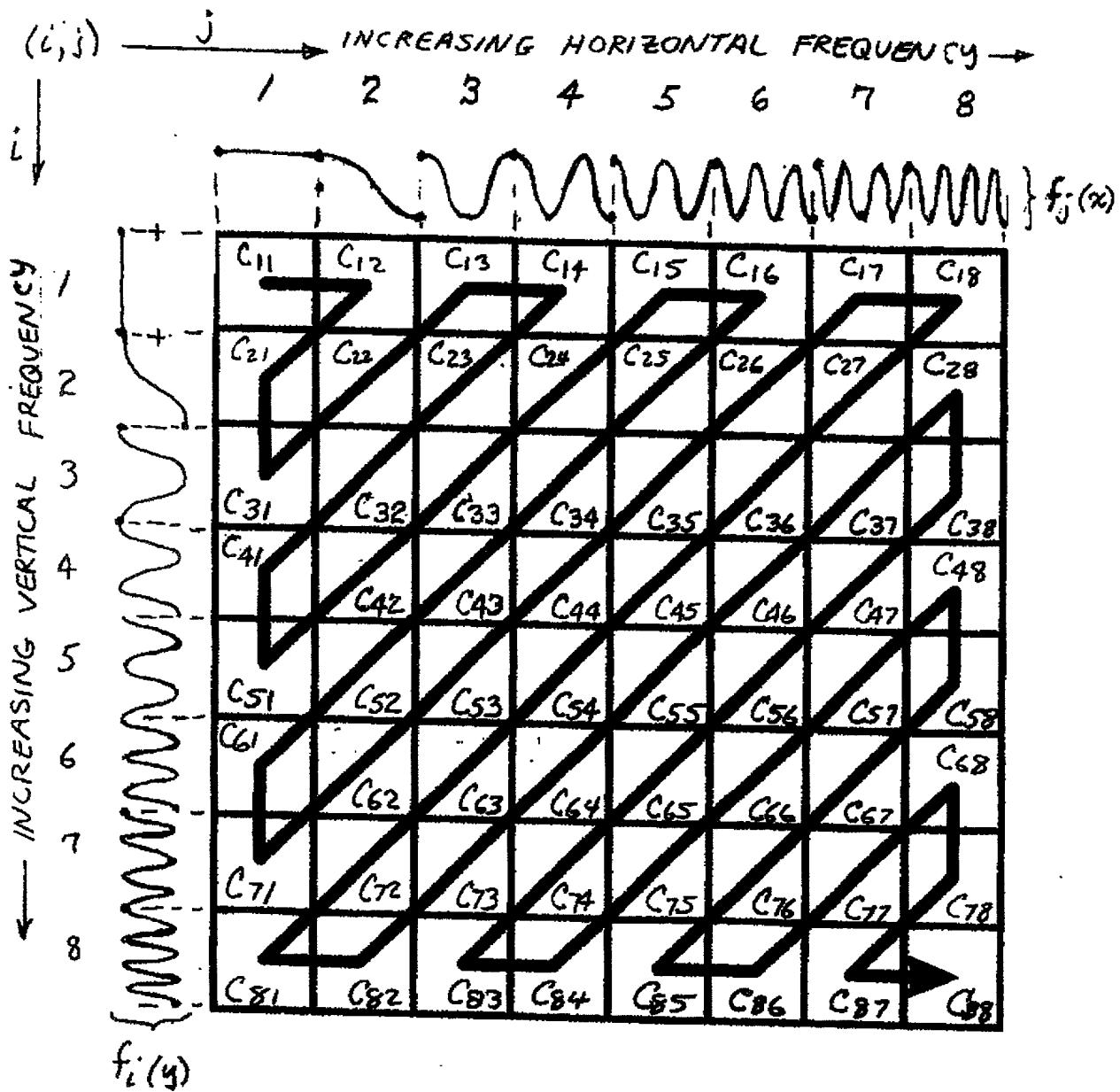


FIG. 11  
(PRIOR ART)

0033237 - 3305262 00

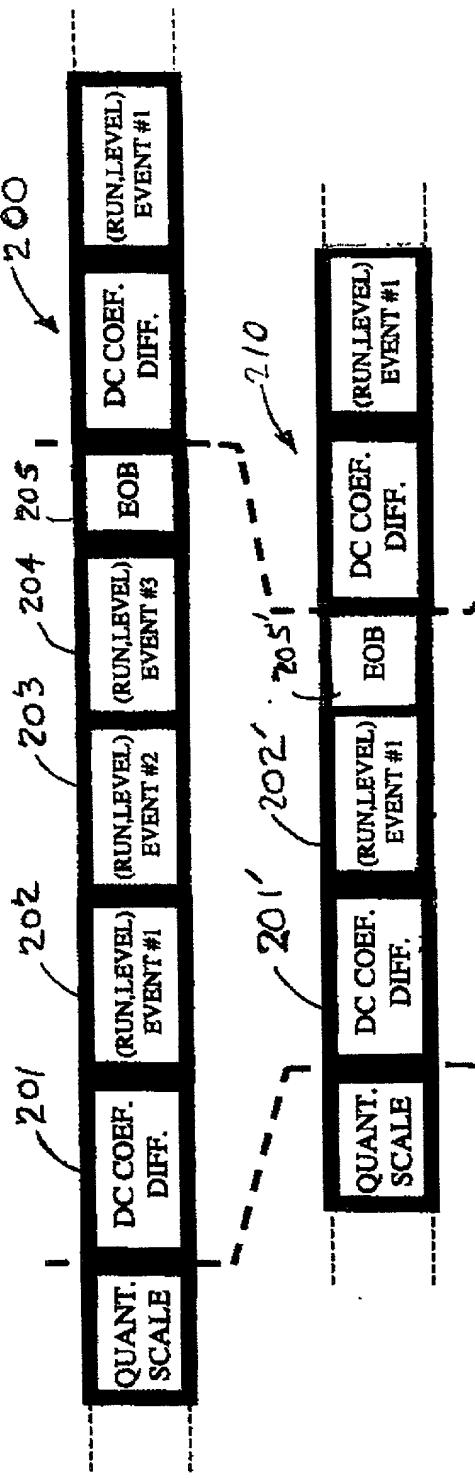


FIG. 12

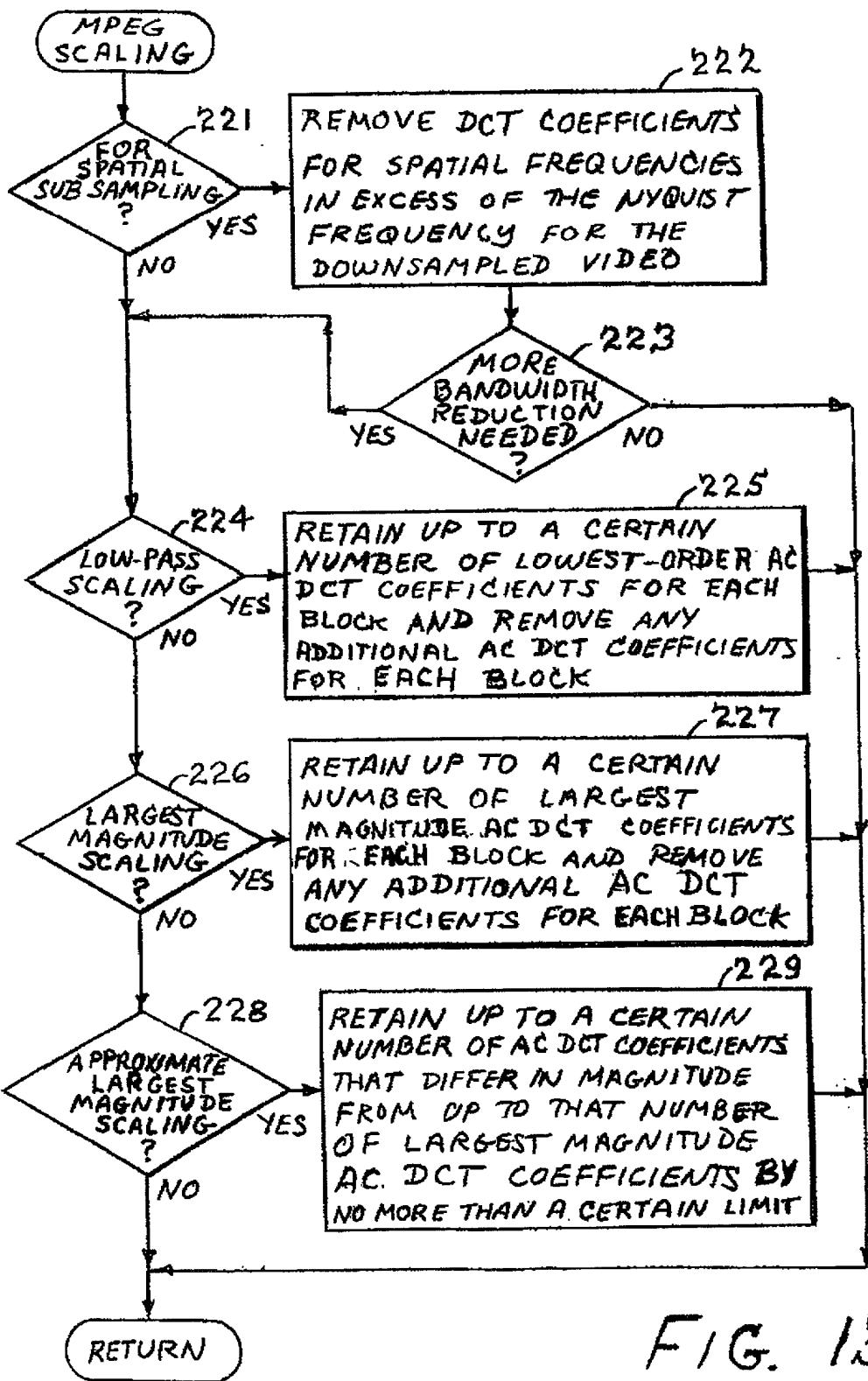


FIG. 13

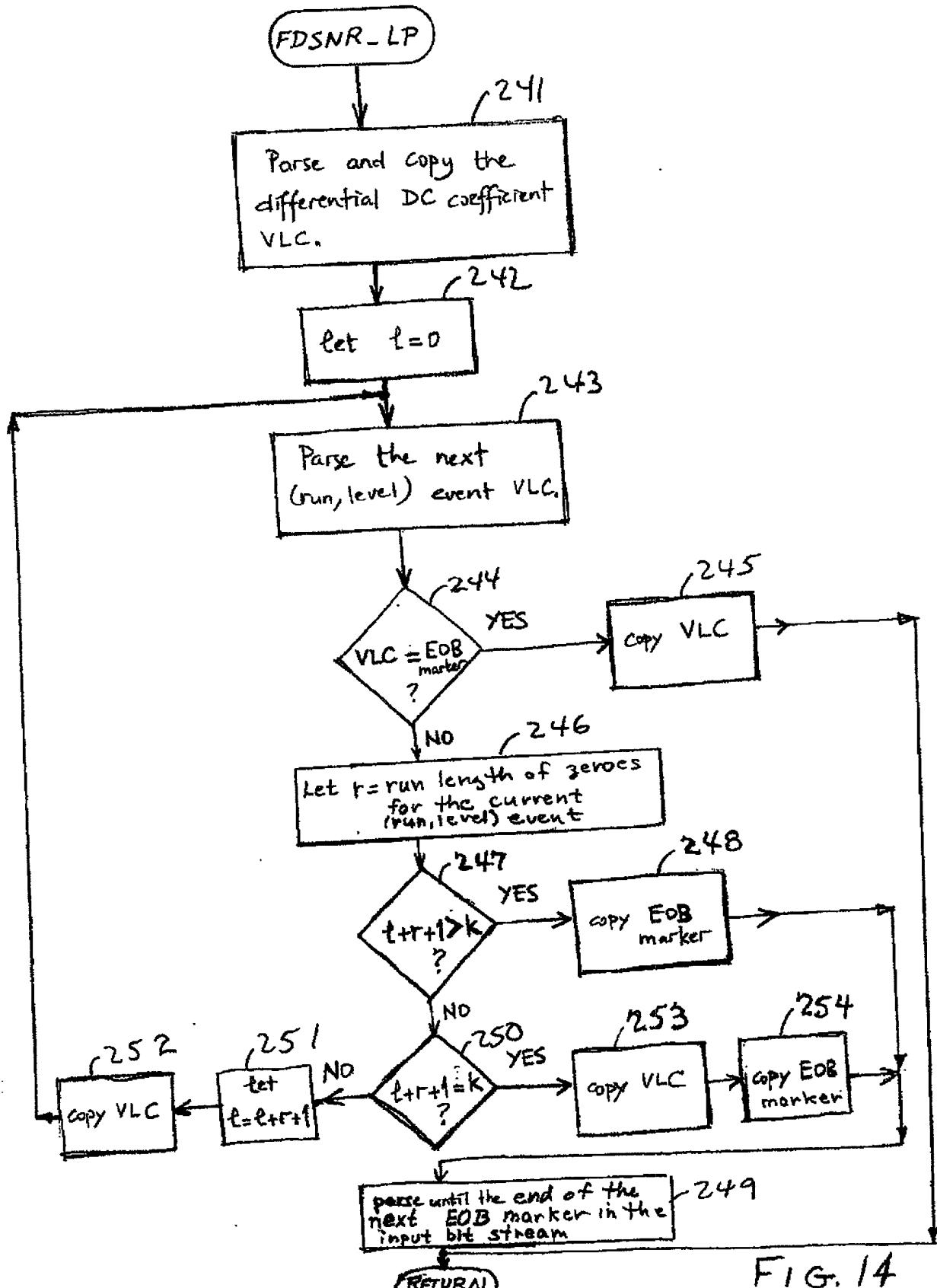
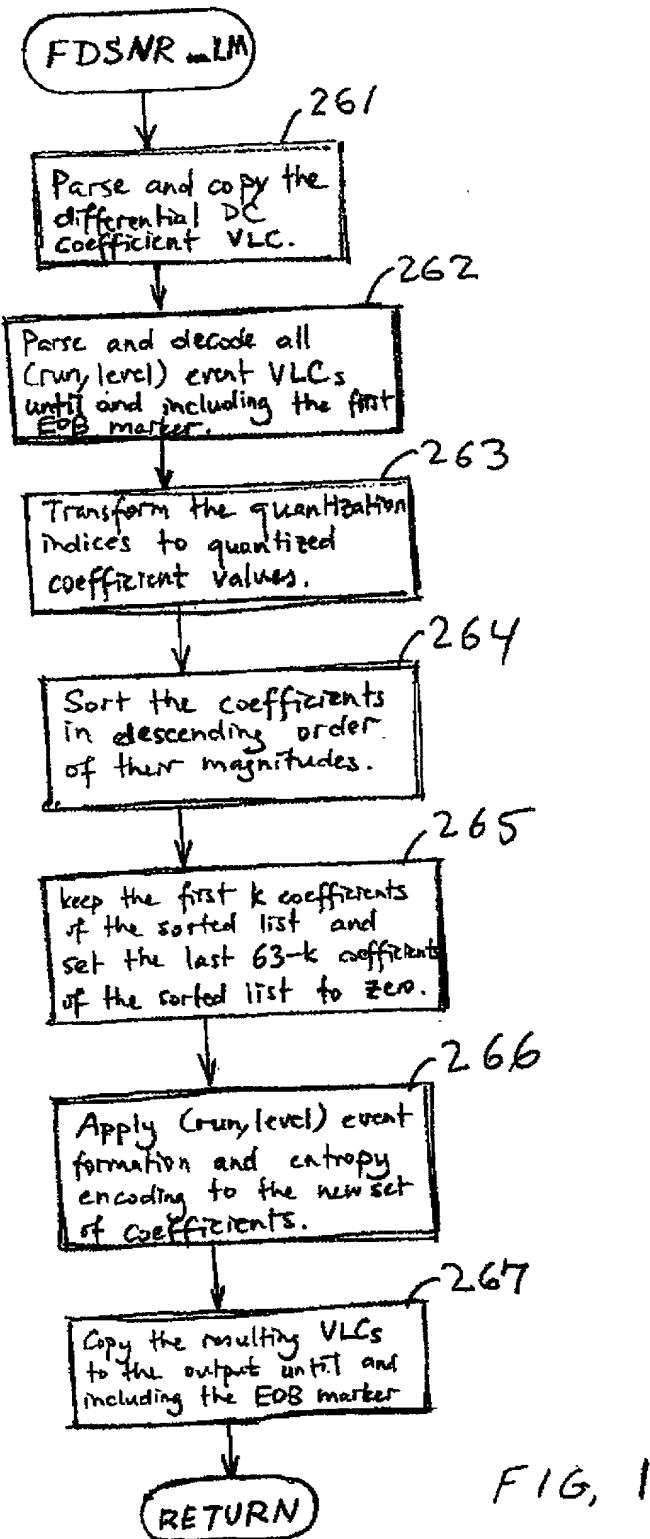


FIG. 14



FIG, 15

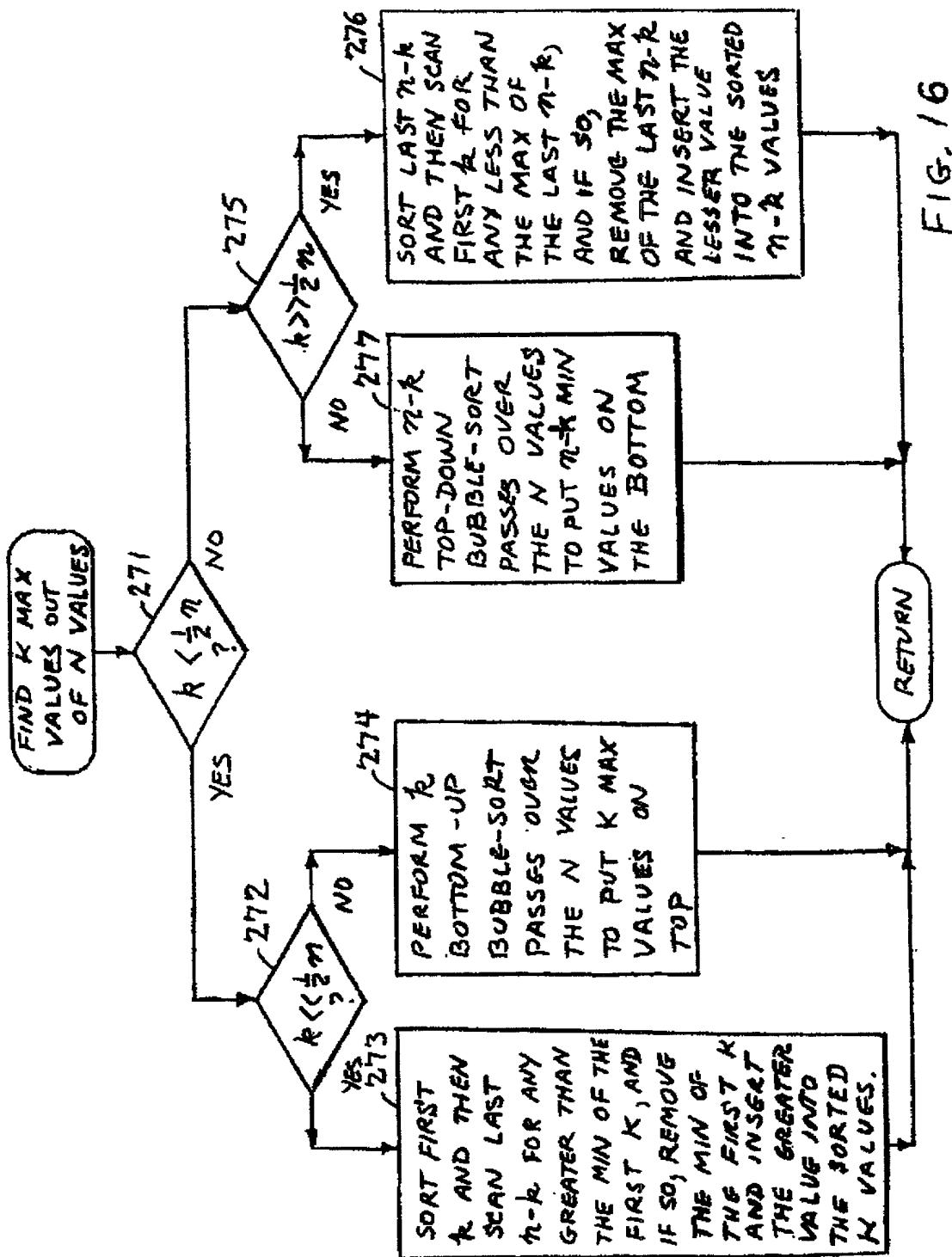


FIG. 16

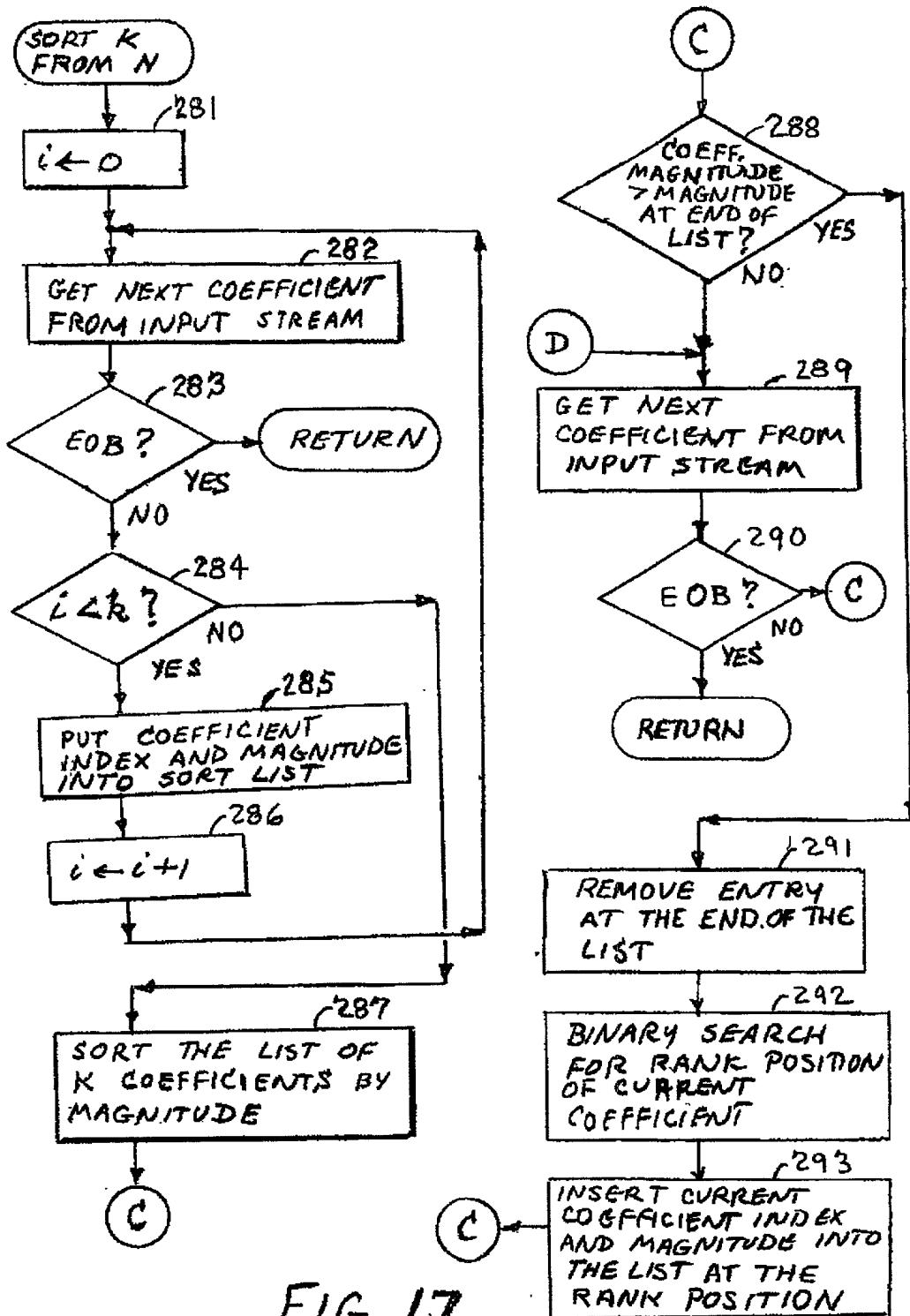


FIG. 17

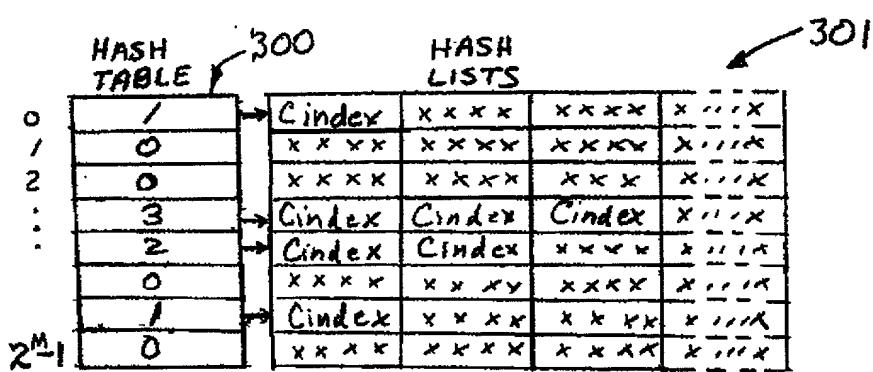


FIG. 1B

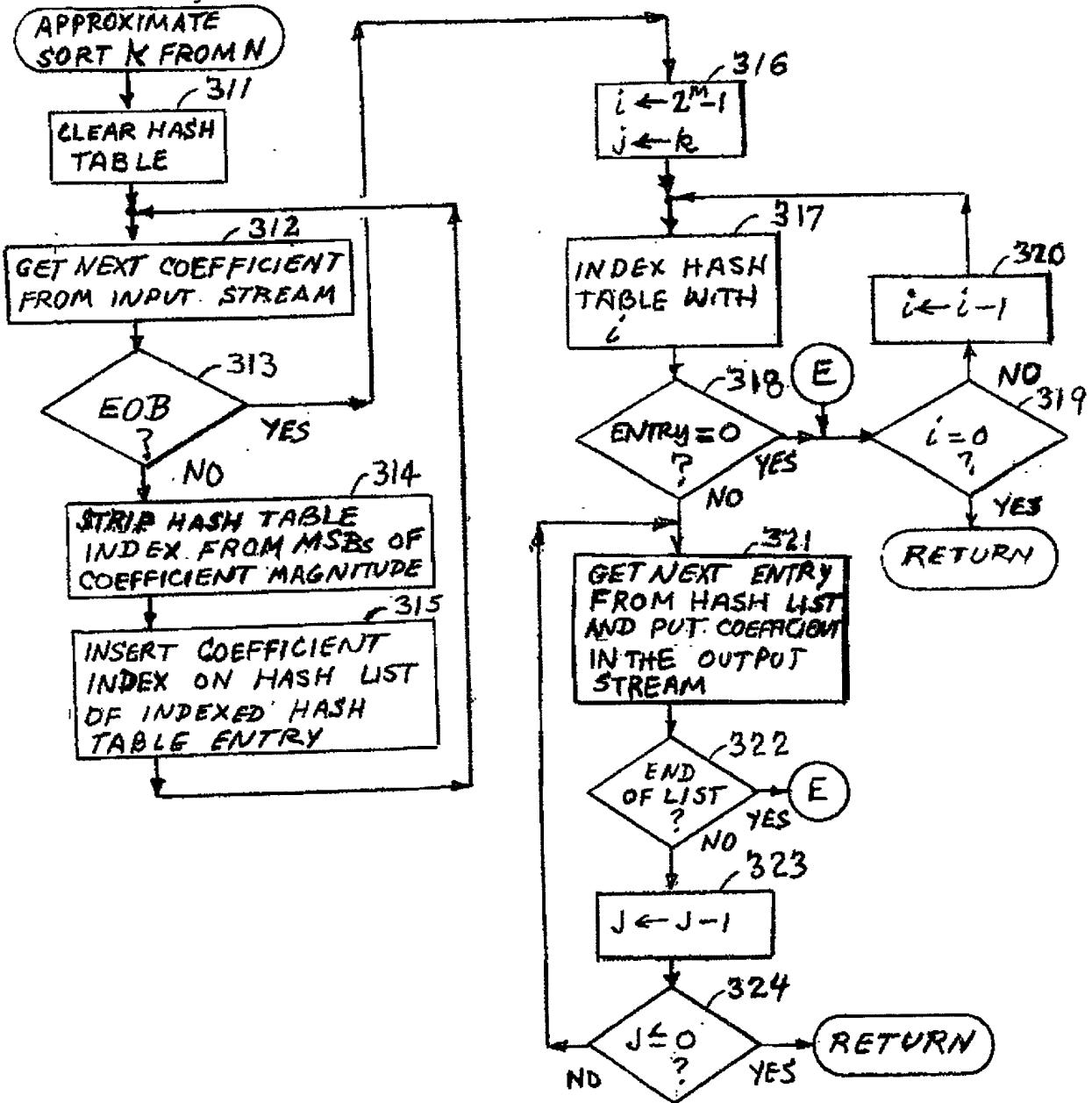


FIG. 19

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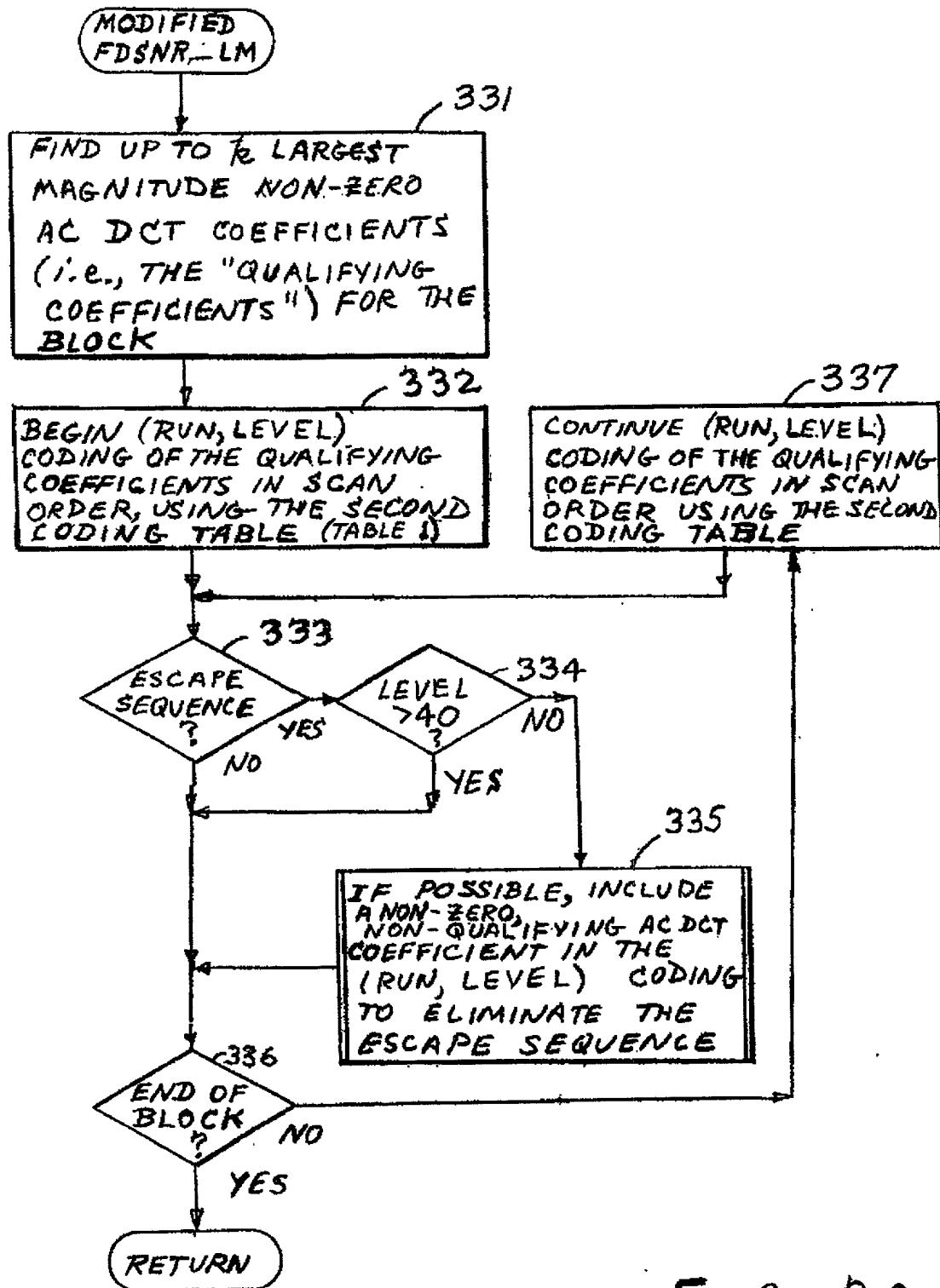


FIG. 20

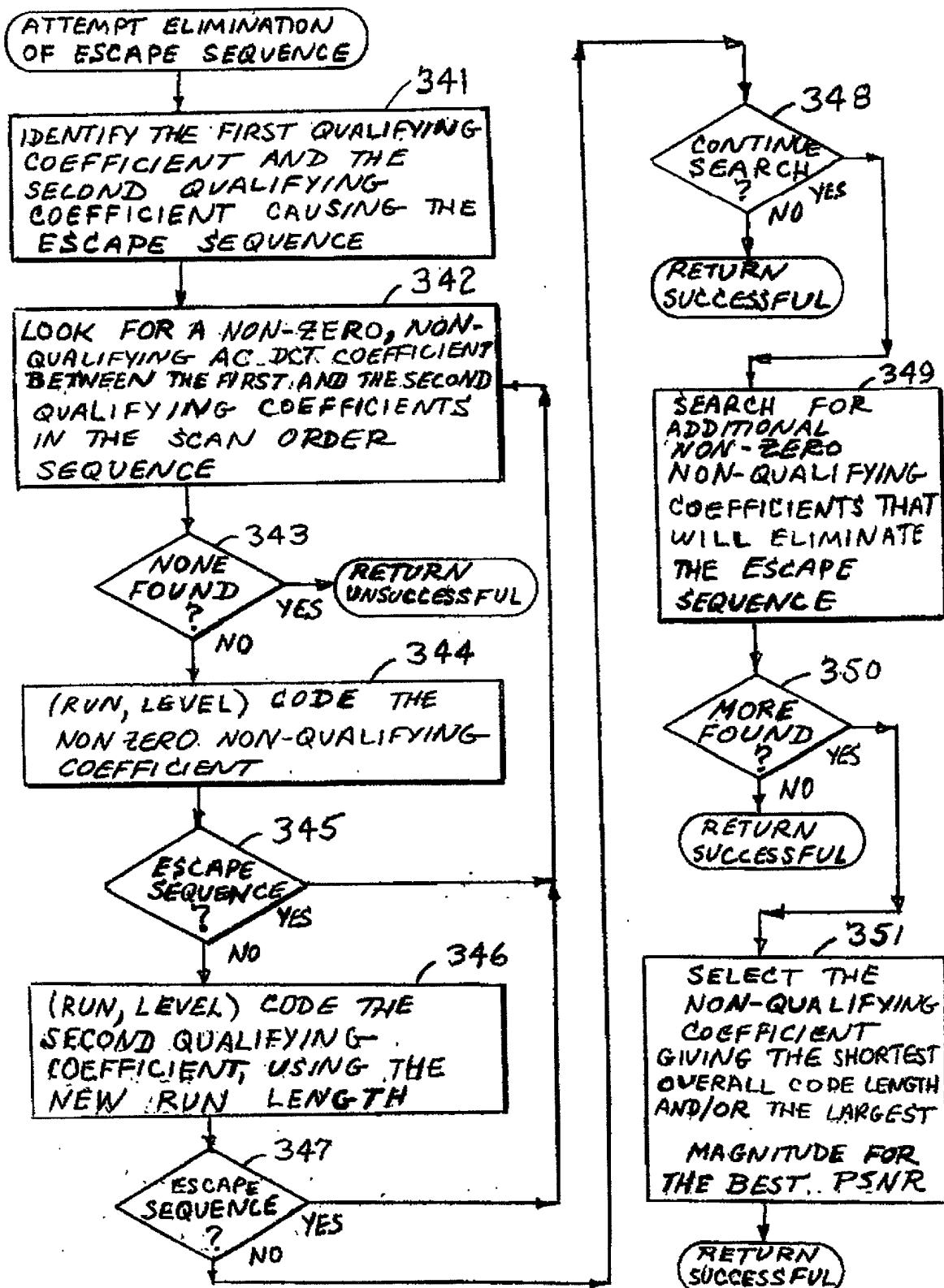


FIG. 21

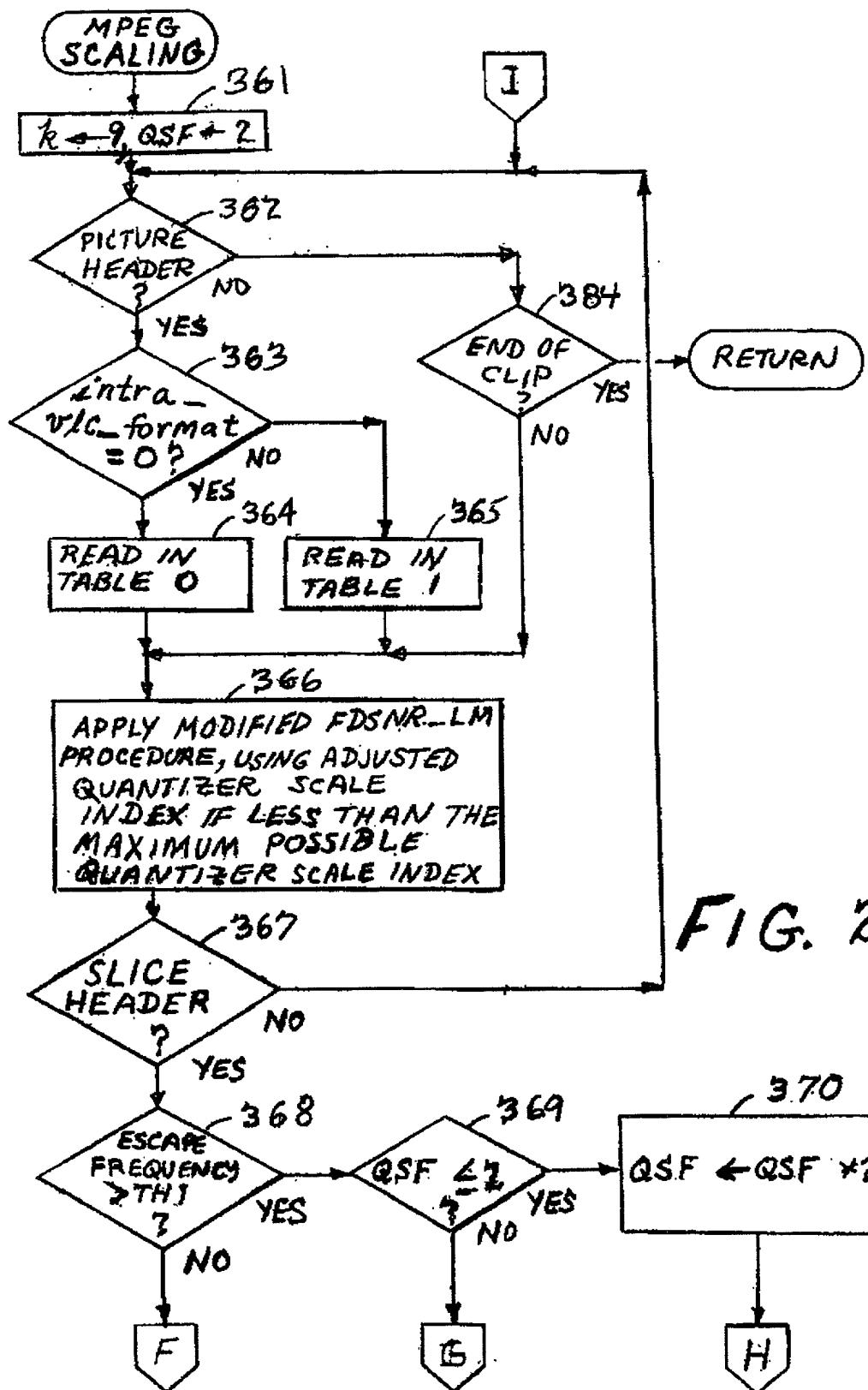


FIG. 22

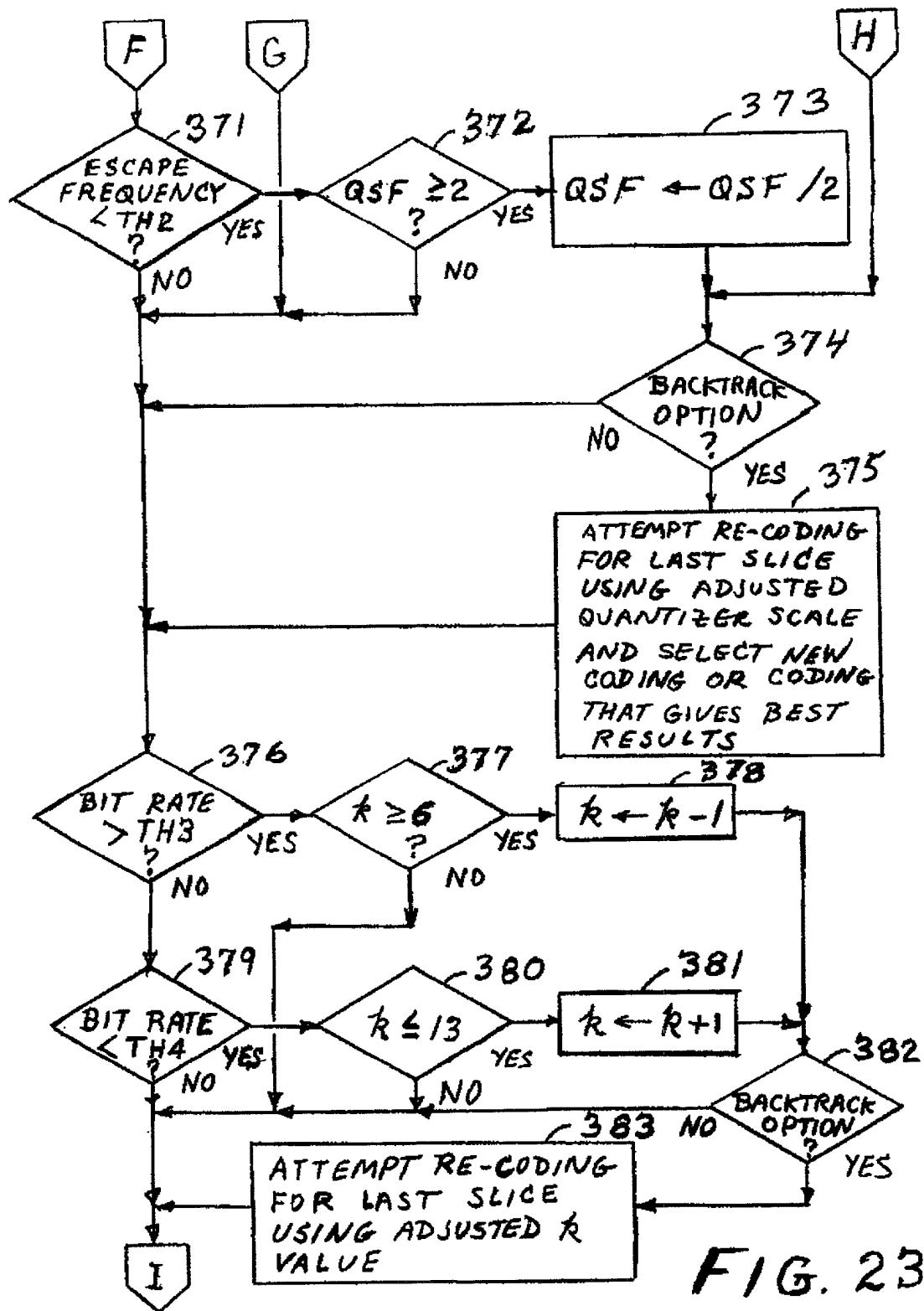


FIG. 23

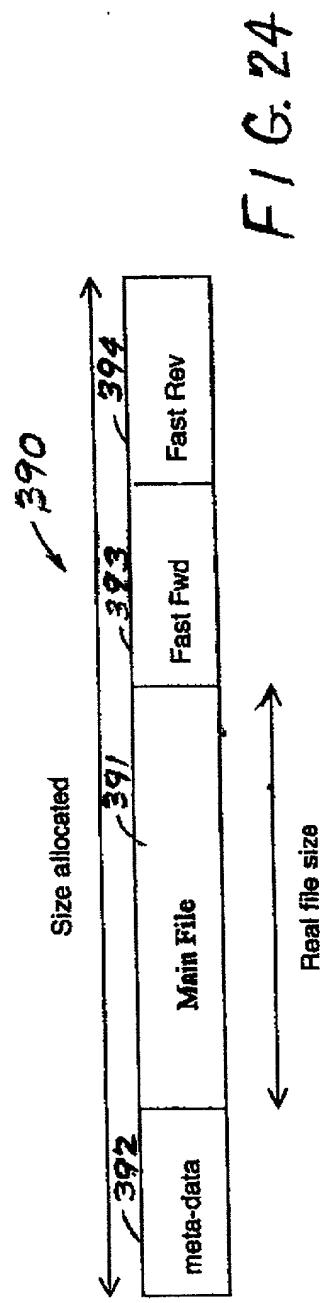


FIG. 24

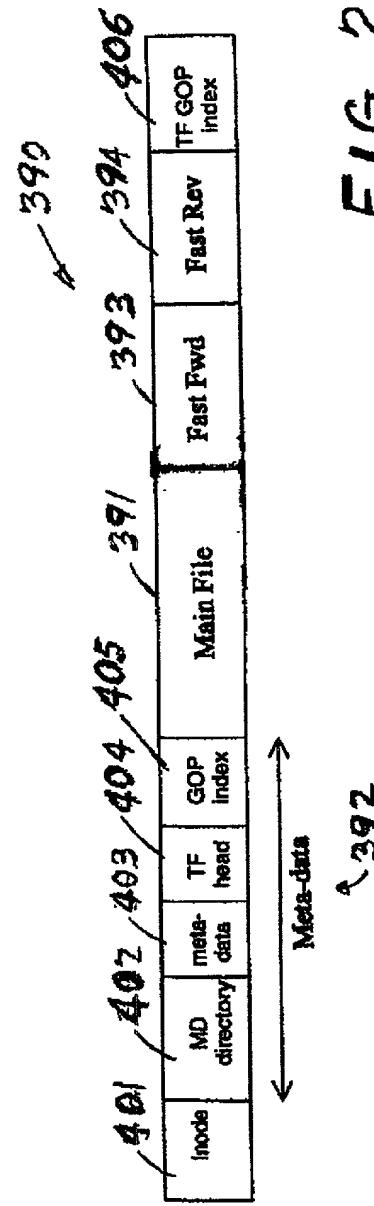
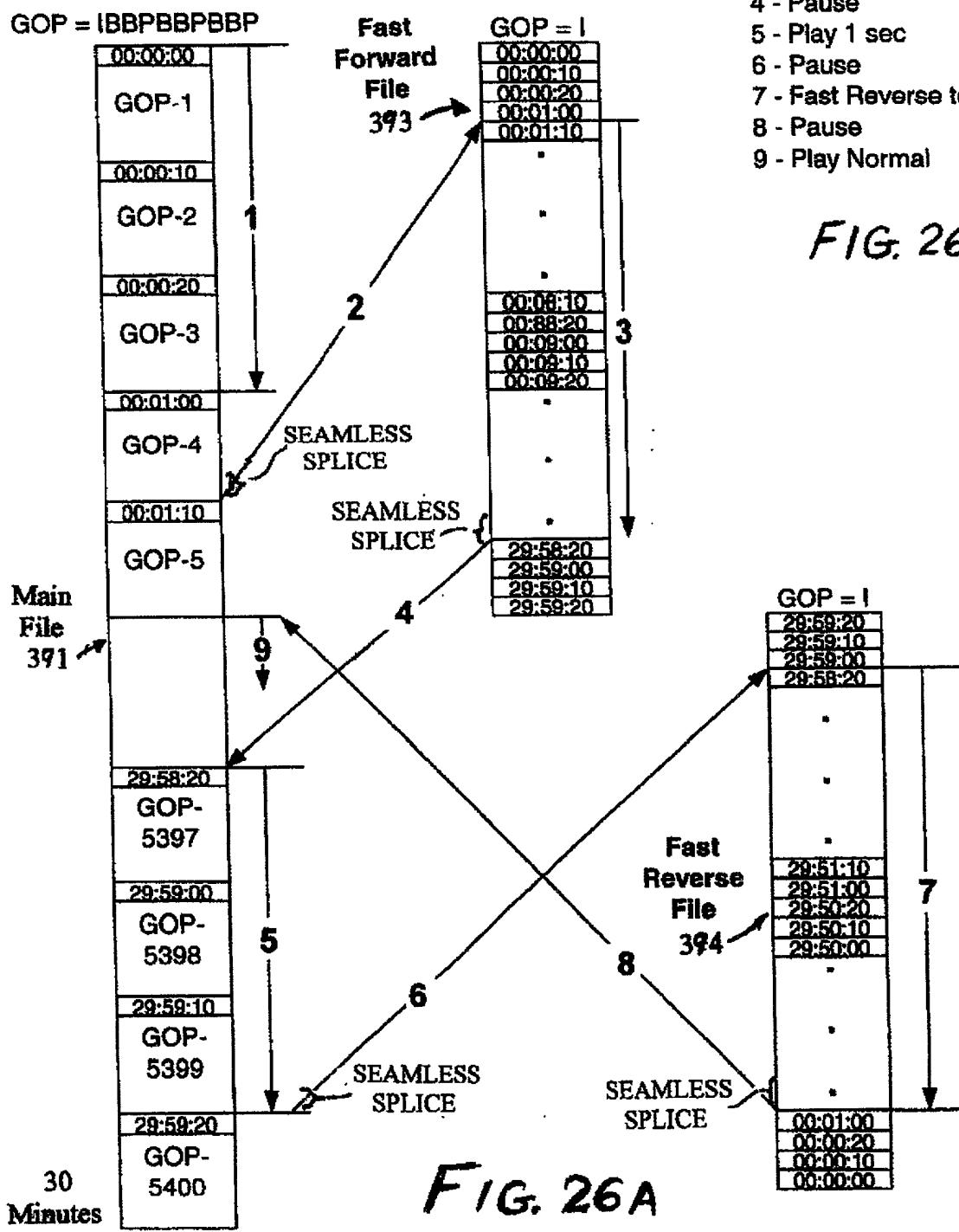


FIG. 25

1 - Play from start 1 sec  
 2 - Pause  
 3 - Fast Forward to 29 min  
 4 - Pause  
 5 - Play 1 sec  
 6 - Pause  
 7 - Fast Reverse to 1 sec  
 8 - Pause  
 9 - Play Normal

*FIG. 26B*



*FIG. 26A*

	READ	WRITE
Copy of the asset with all the data	EMPEG2	EMPEG2
Copy only the main asset	RAW	MPEG2
Archive	EMPEG2	EMPEG2
Play	MPEG2	
Record		MPEG2

FIG. 27

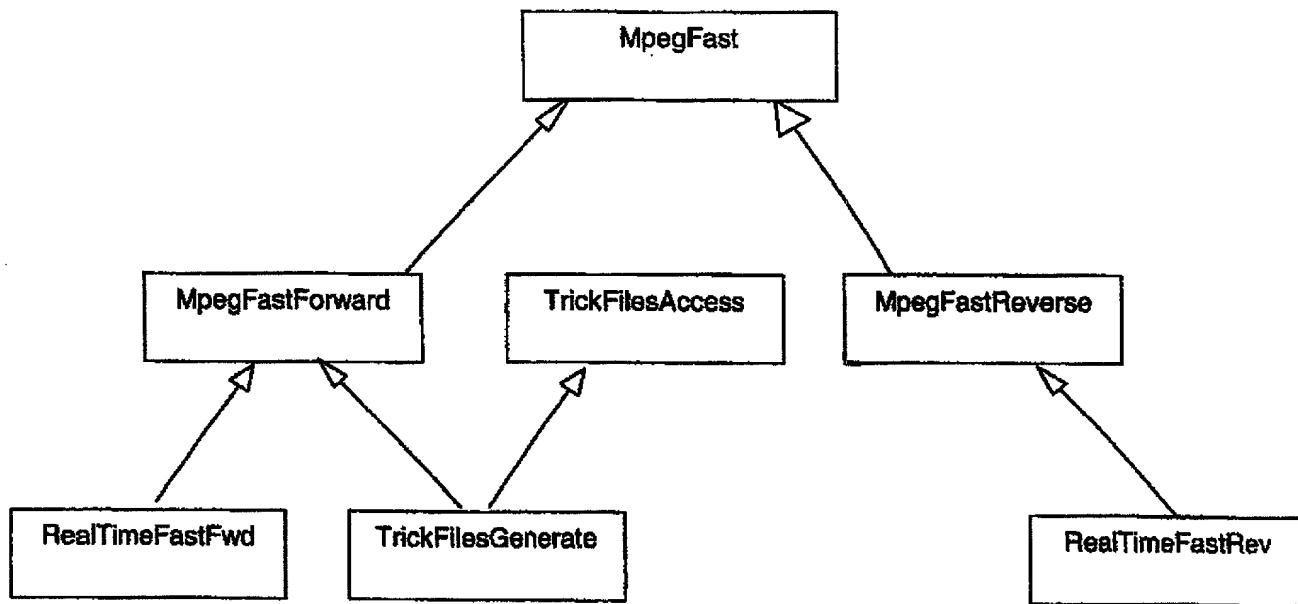


FIG. 28

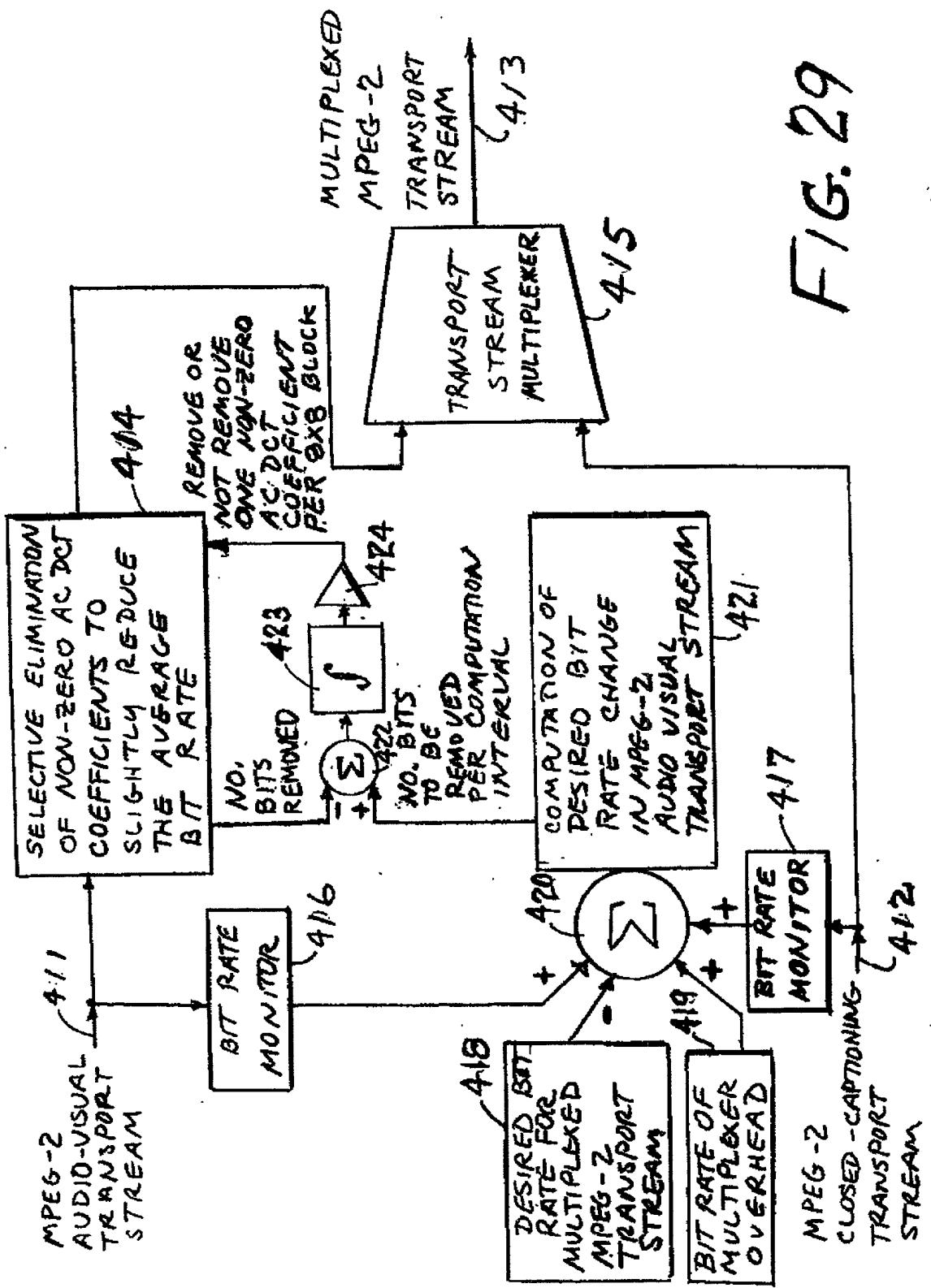


FIG. 29

Original encoded frame bits allocation/Block

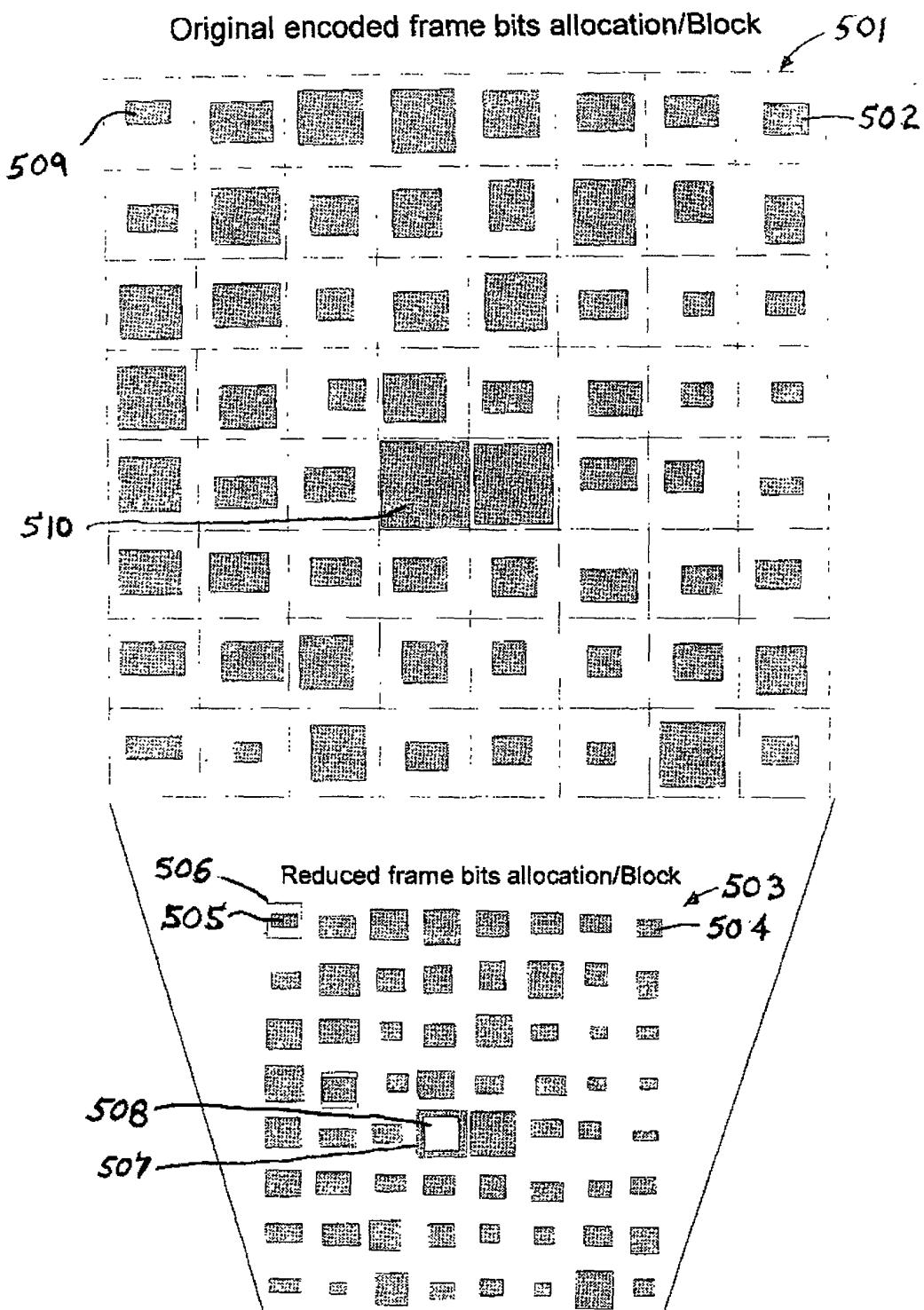


FIG. 30

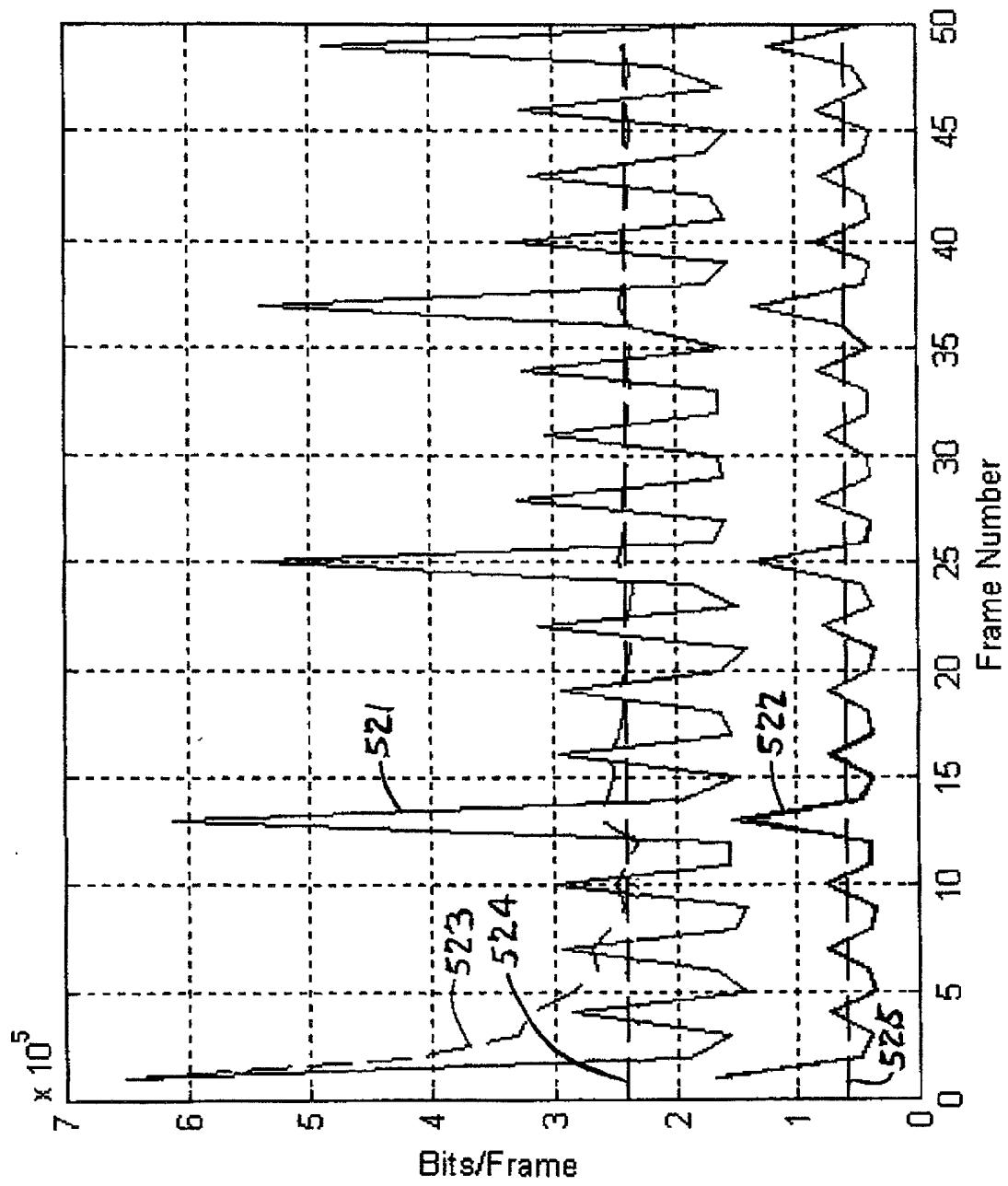


FIG. 31

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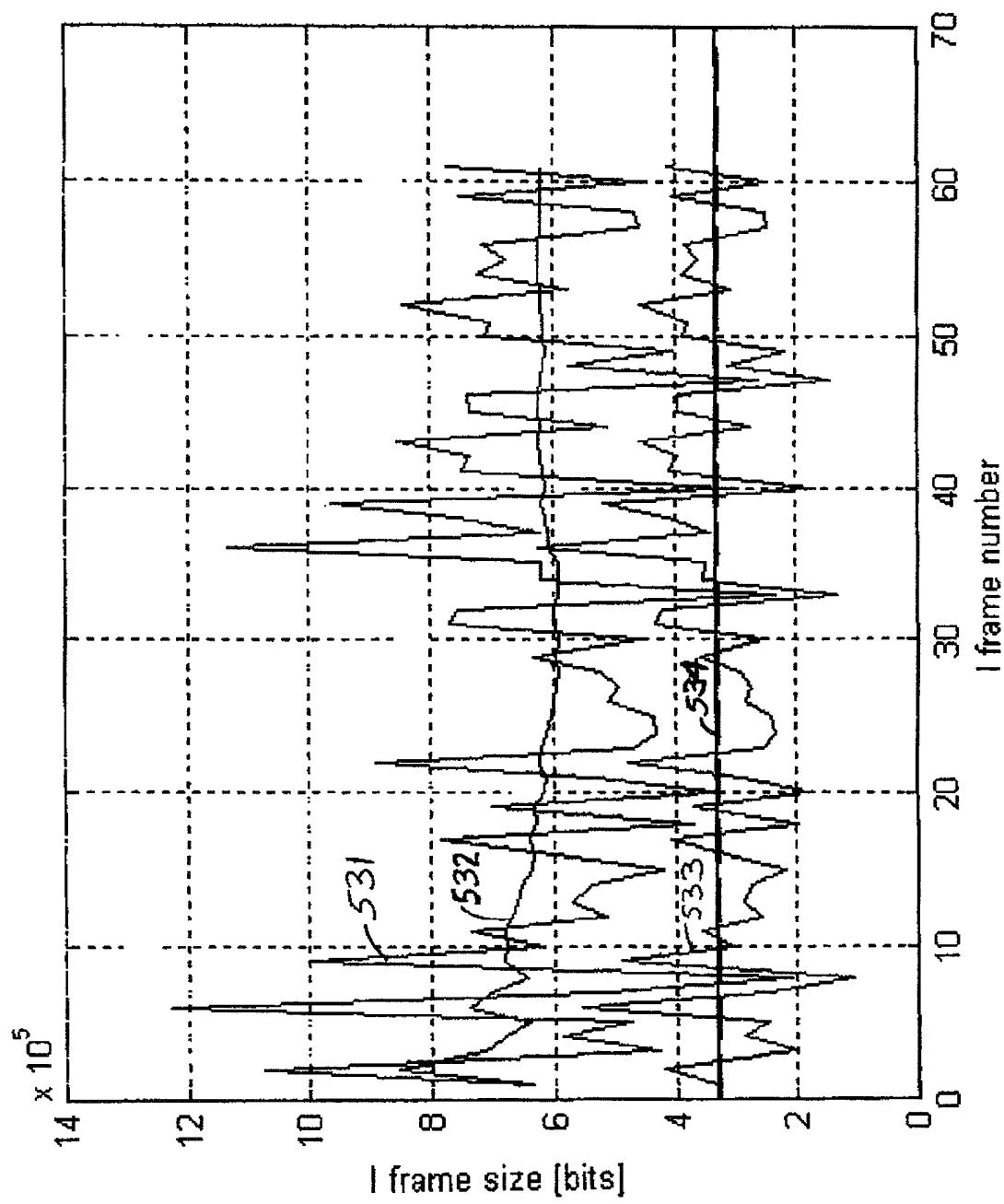


FIG. 32

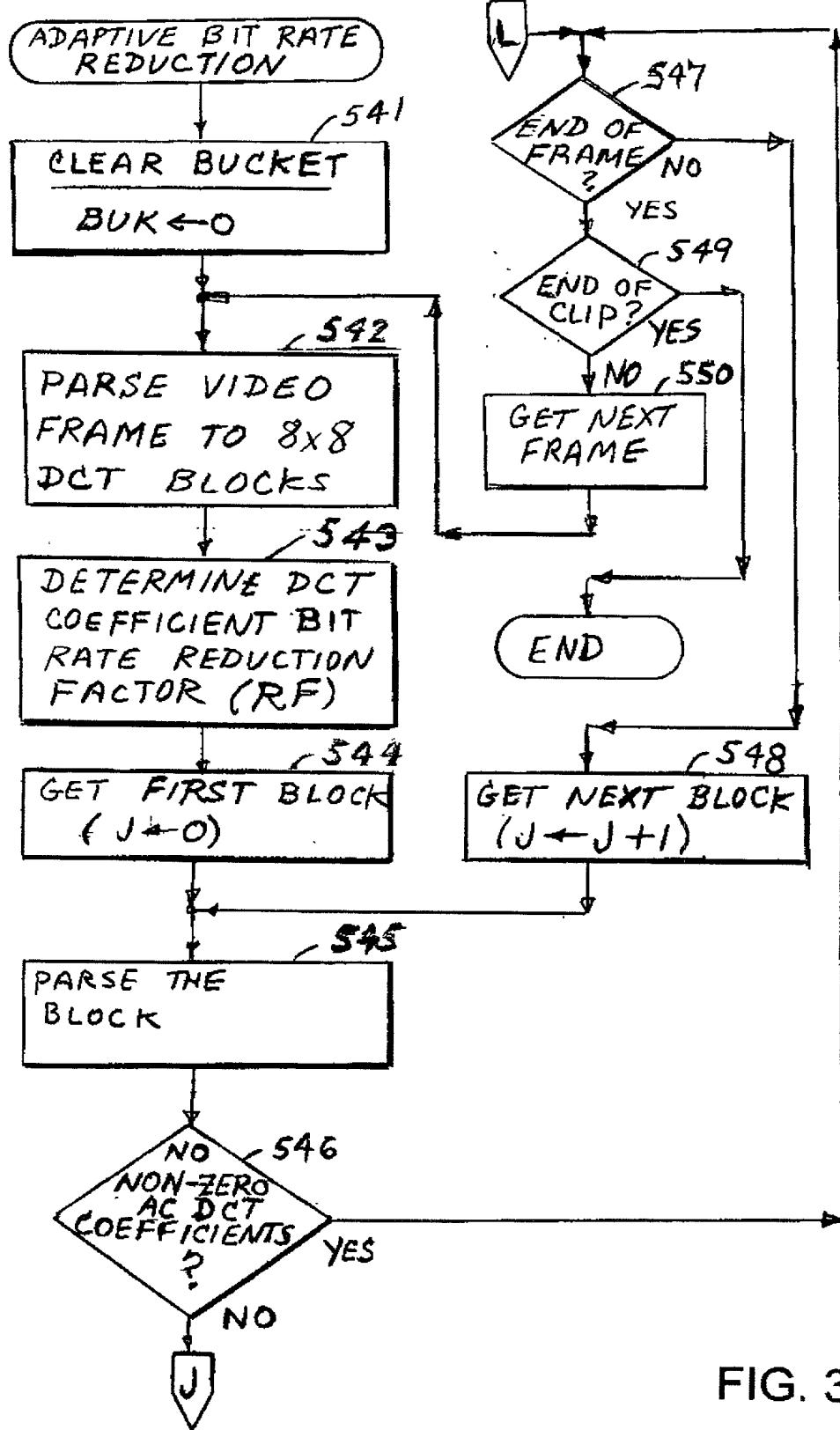


FIG. 33

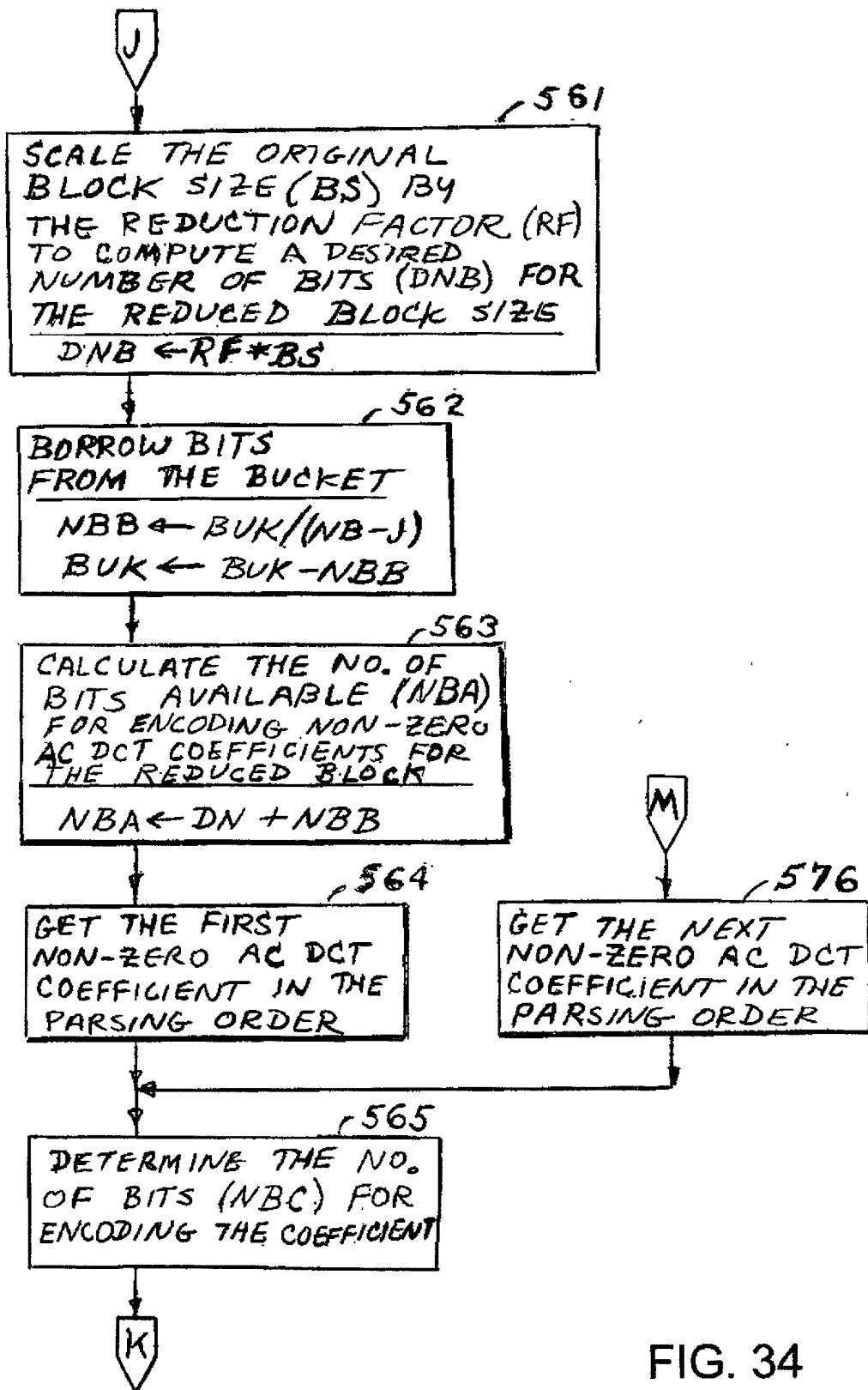


FIG. 34

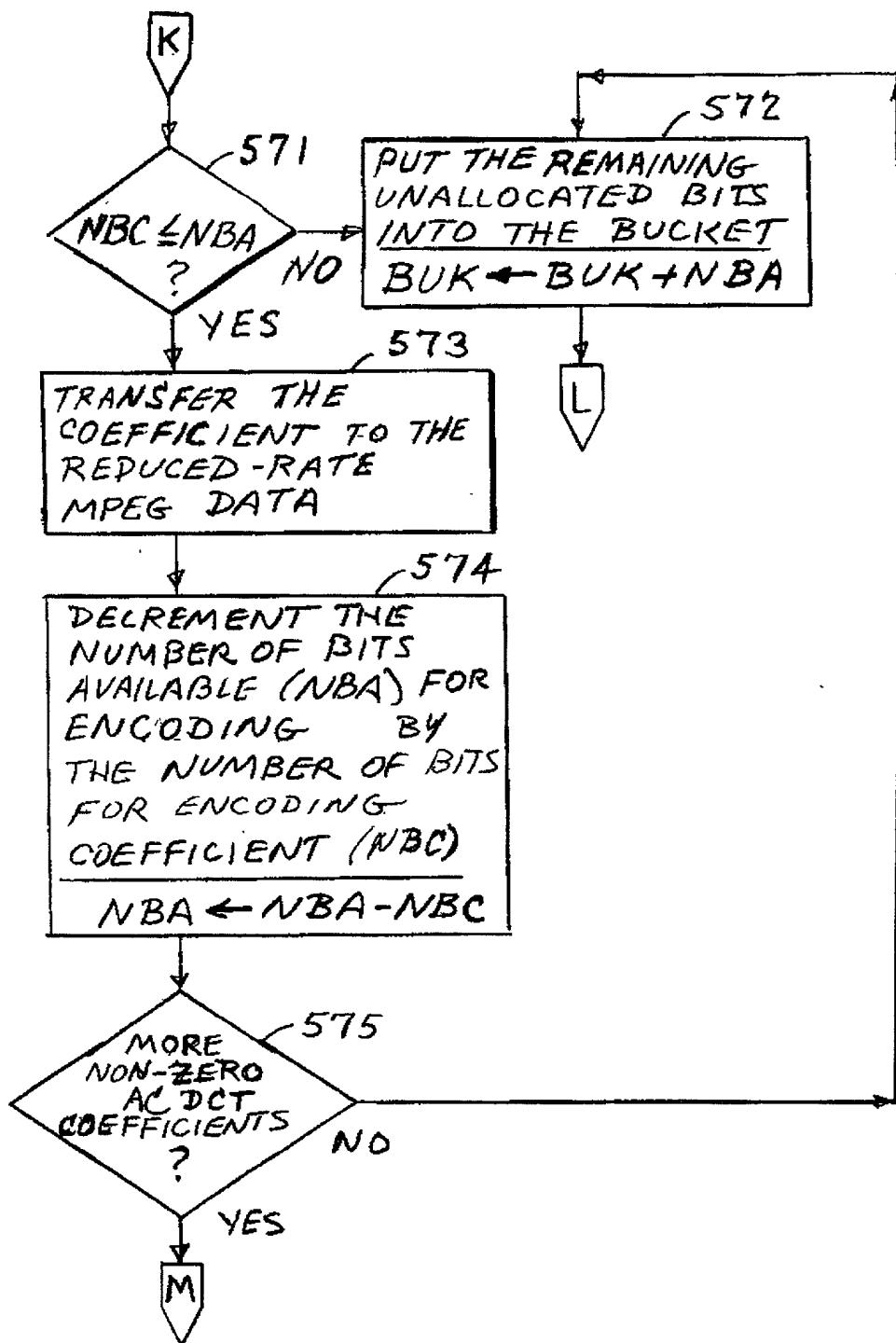


FIG. 35

DETERMINES THE COEFFICIENT BIT RATE REDUCTION FACTOR (RF) FOR A REDUCTION FROM AN MPEG SOURCE HAVING A KNOWN CONSTANT BIT RATE

581

DETERMINE THE OFFSET RATE (S) OF BITS IN THE ORIGINAL-QUALITY MPEG SOURCE THAT ARE NOT BITS OF THE AC DCT COEFFICIENTS

582

COMPUTE THE COEFFICIENT BIT RATE REDUCTION FACTOR (RF) FROM THE KNOWN CONSTANT BIT RATE (BO) AND PADDING (PD) OF THE ORIGINAL-QUALITY MPEG SOURCE, THE OFFSET RATE (S), AND THE DESIRED REDUCED RATE (BR) OF THE REDUCED-QUALITY MPEG DATA

$$RF = \frac{BR - S}{BO - PD - S}$$

RETURN

FIG. 36

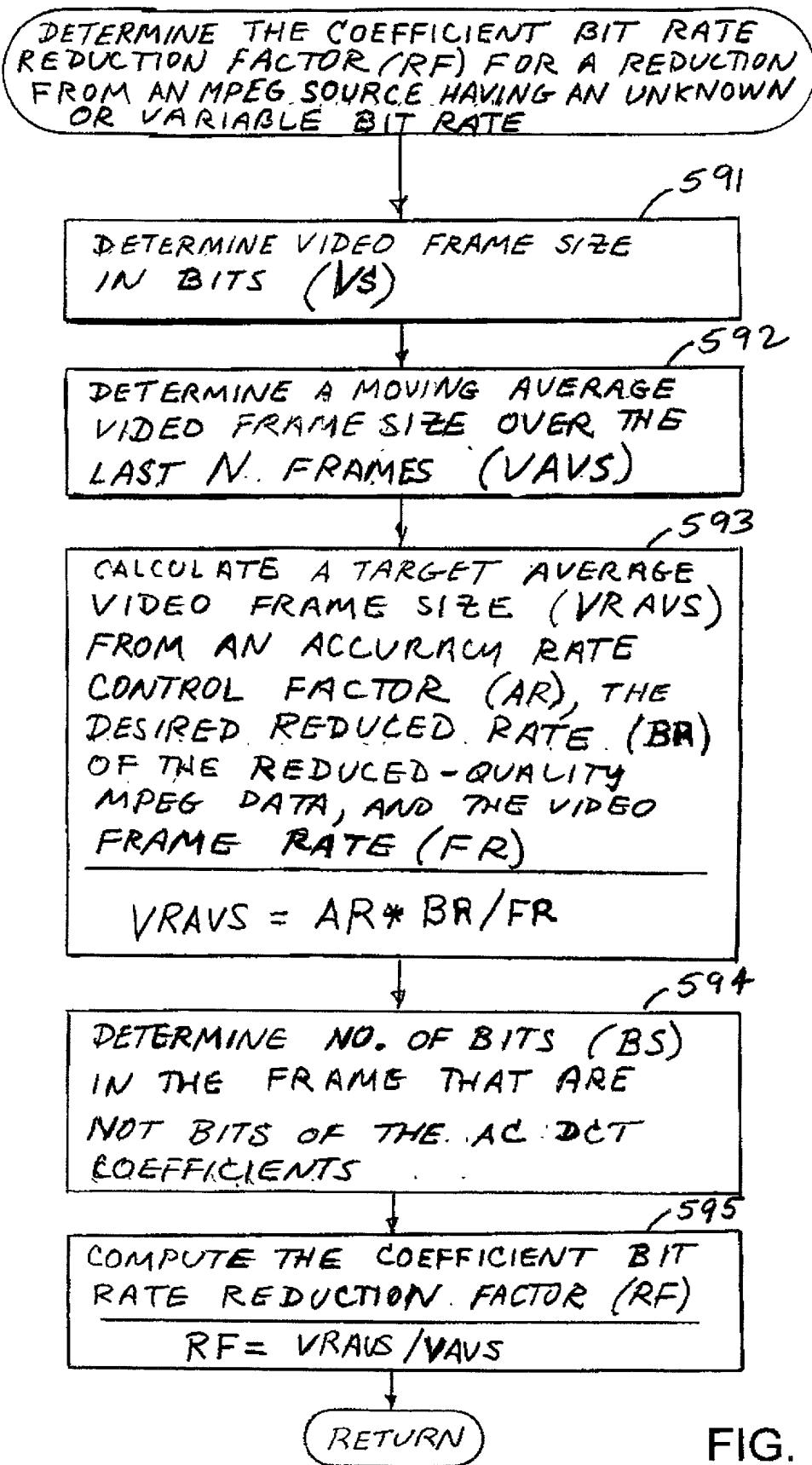


FIG. 37

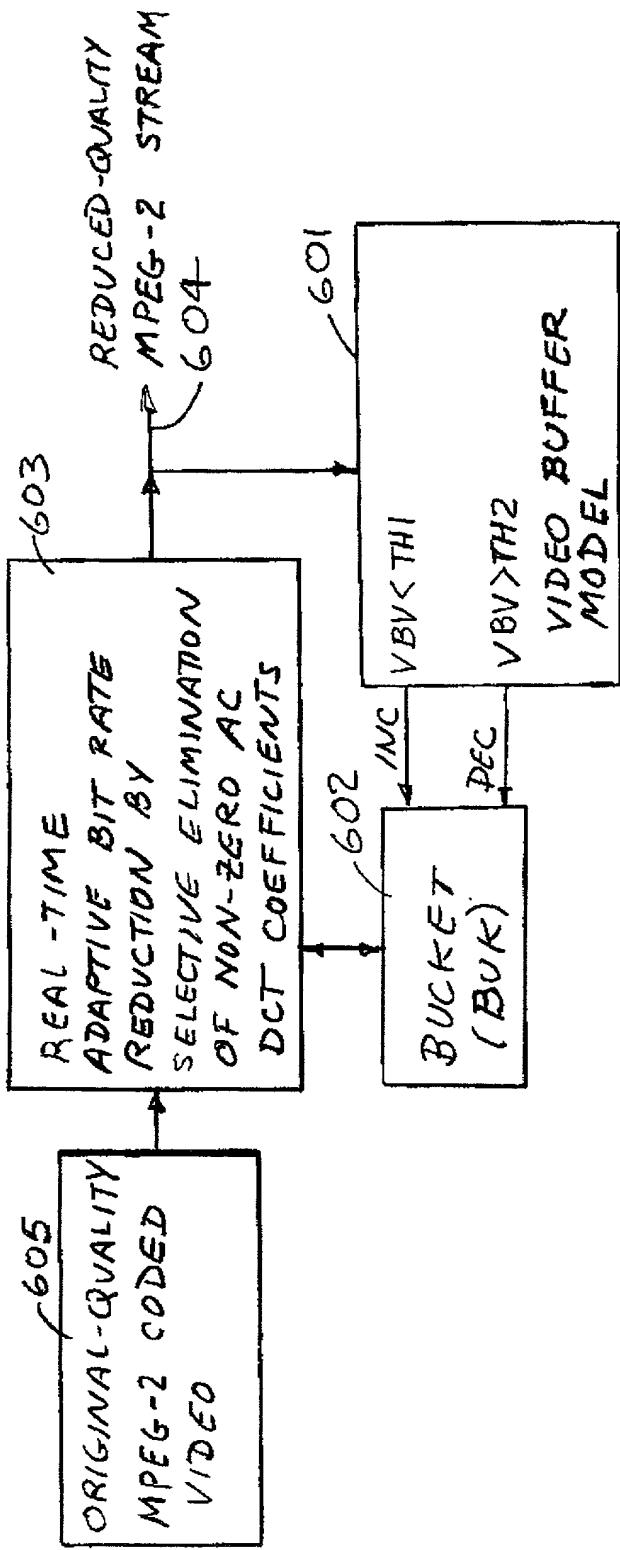


FIG. 38